THE STORY OF BETH BOWEN

One mother’s harrowing tale of tragedy and secrecy

PAGE 10

ALL CHANGE
Roles and responsibilities are expanding – we assess the impact of the Medicines Amendment Act

A STEP FORWARD FOR EDUCATION
The key changes for prevocational medical training

SYSTEMS THINKING AND SAFETY
The HQSC looks at the increasing influence of safety systems on healthcare

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What's inside...

FEATURES

05 Systems thinking and safety
Dr David Sage, clinical lead for the Health Quality & Safety Commission's national reportable events programme, looks at the increasing influence of safety systems on healthcare.

06 All change
Responses to the changing needs of healthcare have seen many roles and responsibilities expand and develop. Dr John Marwick, a GP and member of MPS’s educational faculty in New Zealand, assesses the impact of the Medicines Amendment Act.

08 A step forward for education
The Medical Council explain what the publication of the New Zealand Curriculum Framework for Prevocational Medical Training means for the country’s next generation of doctors.

10 The story of Beth Bowen
In 2007, Clare Bowen’s five-year-old daughter Beth died during surgery at a hospital in the UK. Here she tells her story to Sara Dawson – and relays her hopes that it will reduce the likelihood of such an incident happening again.

13 From the case files
Dr Mark Dinwoodie, head of member education at MPS, looks at what can be learned from this edition’s collection of case reports.

CASE REPORTS

14 A pain in the knee
15 The elusive diagnosis
16 Who’s to blame?
17 Missing cauda equina
18 An unwanted pregnancy
19 Transfusion confusion
20 Eyes of the storm
21 A cannula complication
22 High expectations

CASE REPORTS

24 Over to you
A sounding board for you, the reader – what did you think about the last issue of Casebook? All comments and suggestions welcome.

26 Reviews
In this issue Dr John Gilbey reviews Do No Harm: Stories of Life, Death and Brain Surgery by Henry Marsh, while Dr Behrad Baharlo looks at Forks in the Road: A Life In and Out of the NHS by Leslie Turnberg.

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MPS
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You won’t be surprised to know that a significant proportion of my work at MPS consists of assisting members who have been involved in an adverse event. We always advise members to be open about any errors made during the course of such an event – it is morally and ethically the correct thing to do, and can go a long way towards preventing a claim arising in the aftermath.

This is because we often find that claims derive from an angry or aggrieved (or both) patient or relative feeling they have been denied information and explanations – and, if appropriate, a simple apology – in the wake of an adverse outcome. Openness stands to benefit all parties and yet, quite understandably, there remains nervousness and uncertainty about delivering it.

In New Zealand of course, there is a statutory obligation for open disclosure; in the United Kingdom, a similar ‘duty of candour’ appears to be the government’s approach of choice, despite MPS believing a change in culture will be much more effective. Readers in Hong Kong may recall a fascinating article by Dr Chui Tak-yi at the Hong Kong Hospital Authority, who wrote in the September 2013 edition of Casebook about his systems approach to changing the reporting culture within the organisation.

Fear and anxiety over ‘blaming and shaming’ paralyses many healthcare professionals and prevents them from being open about mistakes that they may have made. This edition of Casebook features a truly harrowing first-hand account from Clare Bowen, a mother-of-two in England who lost her five-year-old daughter Beth in 2007 during surgery. A wall of silence from all involved in Beth’s care prevented Mrs Bowen and her husband from getting a full explanation of the causes of the tragedy. Our article on page 10 will make sobering reading for anyone involved in healthcare today.

However, this edition may also provide some relief for readers, in that our latest collection of case reports feature a significant number of successfully defended claims. We hope they will provide some reassurance that a mistake is not always judged to be negligent – and that the team at MPS are committed to protecting your reputation.
For a typical New Zealand doctor such as myself, Casebook has been a must-read since its inception. When the stakes are high, actual cases teach very effectively.

So it is with interest that I note the articles in Casebook are increasingly using the safety systems language – in the recent May edition “Swiss cheese” appeared twice, and scattered throughout are the words “high reliability” (several mentions), “fail-safe”, “safety checklist”, “human error”, “human factors training”, “situational awareness” and “crew resource management”. I was not surprised to see an exchange in the correspondence section between two doctors who between them were also qualified as an airline captain, patient safety and risk consultant, former surgeon and former paediatrician.

This convergence of engineering systems thinking and safety development in healthcare is increasingly seen in New Zealand. It is reflected at the HQSC in the recent appointment to the board of Bob Henderson, an active airline captain with a strong background in psychology, and expertise in human factors and aviation safety.

**Being ‘open’**

The HQSC is reinforcing this convergence by inviting US human factors expert Jim Bagian to visit New Zealand in November. Dr Bagian is, among other things, an engineer, anaesthesiologist, NASA astronaut, and private pilot. He also brings his experience as previous chief patient safety officer at the Department of Veterans Affairs, and is currently the director of the Centre for Healthcare Engineering and Patient Safety at the University of Michigan.

Dr Bagian suggests the biggest obstacle to improving medical safety is medical culture, rather than our understanding of the human body or the quality of the available technologies and treatments.

He has firm ideas on the use of safety language in healthcare. For example, he advocates avoiding the ‘error, medical error, human error’ terms that have punitive overtones and can get in the way of developing safety conscious work cultures.

This approach – promotion of a just culture that supports those who report adverse events and near misses and does not pursue public shaming – is at the heart of the HQSC’s *Open for better care* national patient safety campaign. It was an approach that was taken by one of New Zealand’s top companies in a high-profile case last year.

An Air New Zealand pilot fell asleep for a minute twice while cruising between London and LAX. Both the airline and the Civil Aviation Authority of New Zealand strenuously rejected pressure to identify the pilot. The pilot remains unnamed and no charges were pressed because Air New Zealand considers reporting incidents of fatigue a part of increasing their safety culture.

The HQSC supports transparency and an open approach. This is an area where doctors need to take the lead. We hope to learn from James Bagian’s Veterans Affairs reporting culture, in which fully 50% of all root cause analyses of incidents are from staff reporting near misses or close calls.

**Systems that work: checklists**

So the World Health Organisation Surgical Safety Checklist doesn’t apply to you because you are not a surgeon? Maybe not that particular list, but the principle applies across healthcare.

The success of catheter-related CVC infection rate reduction to near zero in New Zealand intensive care units is due to the marrying of cockpit drill checklist safety culture and infection control science. To create a bundle of care that works it done the same way every time. So far that precision – the same way every time, hasn’t been achieved in New Zealand for the surgical checklist. Voluntary incident reporting to the HQSC for the last two years shows 85% of the non-mental health serious adverse events reported by district health boards to the HQSC in 2012-13. Those events included seven wrong patient, site or procedure cases. Gastroenterologists, interventional cardologists and other proceduralists are also starting to think checklists, and the HQSC has case reports in these settings of wrong patient/wrong site that reinforce the need for checking systems every time.

**The system of reconciliation**

From time to time Casebook describes instances of missing pathology or imaging results that delay diagnosis or treatment. Over the past two years, the HQSC has received about 50 cases a year in the broad category of “case delay”. It is obvious there is a wide variety of causes, but human factors predominate in the breakdown of patient booking systems, lab and radiology reports going missing or getting swapped. Just as most clerical and cognitive prescribing lapses can be overcome with computerised prescribing, so too electronic reconciliation systems for pathology and imaging can allow tracking that dramatically reduces lost results.

The frequency of process delays in healthcare is not acceptable in an age where tracking and reconciliation of courier parcels or suitcases is near foolproof.

The healthcare industry is learning a lot, and still has a lot to learn, from the engineering and aeronautics industries. As Dr Bagian says, the latter industries operate under conditions of high hazard yet seldom have a bad event – and people in those fields tend to have a systems perspective.

We can’t improve a system unless we know there is a problem with it, and a real positive is the increased in reporting of serious adverse events by the New Zealand public and private healthcare providers. This reflects a willingness to learn from events and contributes to a culture of transparency. It is difficult to prevent all harm in healthcare, but the medical profession must take the lead when it comes to learning from events, improving systems with systems thinking, and preventing at least some tragic healthcare events from recurring.

Dr Sage is an experienced clinician with a long-standing interest in health system performance. He spent nine years as the Chief Medical Officer at Auckland District Health Board.
Responses to the changing needs of healthcare have seen many roles and responsibilities expand and develop. Dr John Marwick, a GP and member of MPS’s educational faculty in New Zealand, assesses the impact of the Medicines Amendment Act.

New Zealand has recently seen a number of new health practitioners and extended roles for existing practitioners. Demonstration pilots are underway for physician assistants (PAs – sometimes called physician associates) and primary care practice assistants. Some nurse practitioners and clinical nurse specialists have extended into roles previously the domain of doctors such as surgery, anaesthesia, and diagnosing and treating acute and chronic conditions.

Nurse practitioners and optometrists have joined midwives in the group of non-medical practitioners who are authorised to prescribe, and some other nurses and pharmacists have been added as designated prescribers in particular services such as diabetes care.

There’s quite a lot to think about. The Medicines Amendment Act 2013, passed in November last year, added nurse practitioners and optometrists to the list of authorised practitioners who can prescribe medicines that lie within their scope of practice – putting them on the same footing as doctors, dentists and midwives. The Act also introduced delegated prescribers: a new class of prescriber who would be able to prescribe under delegated authority from an authorised prescriber.

The other relevant piece of legislation
is the Health Practitioners Competence Assurance Act 2003, under which health practitioners are registered and regulated. This law is designed to protect the public by letting them know that a registered practitioner is safe to practise. It prevents unqualified people from claiming that they are registered practitioners but, apart from a number of restricted activities specified under an Order in Council (Ministry of Health 2014b), it does not prevent any unregistered practitioners from practising and offering health services. Under this law new practitioners such as physician assistants (PAs) and primary care practice assistants are not required to be registered so long as they don’t carry out a restricted activity like a surgical or operative procedure “below the surface of the skin”.

New practitioners

At present new practitioners and new roles are still at an early stage. PAs are well-established in the US and more recently have been introduced in Canada, Netherlands and the UK. In Australia pilot programmes for PAs have been completed and some training programmes started but, as in New Zealand, there is some opposition and few PAs are currently practising. In New Zealand two US-trained PAs were part of a trial that started in Middlemore Hospital in 2010. A second phase is now underway in Gore, Hamilton and Tokoroa. These new pilot sites incorporate primary care and rural settings although the number of PAs is still in single digits. The PAs – who again are US-trained generally with a two or three-year postgraduate masters-level degree – work in a team setting under supervision from a medical practitioner. A primary care practice assistant is responsible for clinical and administrative tasks, including such tasks as blood pressure and weight measurements, treatment room preparation and reception duties. A report (Adair, Adair, and Coster 2013) on the 2010-11 pilot of this role in a number of Auckland and Northland general practices found financial and care benefits for patients and practices. At present approval is being sought for development of a NZQA Level 4 qualification and then part-time training programmes will be offered to develop more practice assistants.

Non-medical prescribing

Forms of non-medical prescribing have been happening for some years. In various hospital and community settings standing orders have been used to allow nurses to administer or supply specific medications and so improve access often in cases where there is no doctor immediately available. Such orders are issued under specific regulations. They do not allow nurses to write prescriptions for a pharmacist to fill nor to issue prescriptions that have been ‘pre-signed’ by a doctor. Anyone considering issuing standing orders or supplying medicines under such an order needs to be familiar with the requirements and guidelines for their use (Ministry of Health 2012).

Under the Medicines Amendment Act 2013 mentioned above, since 1 July 2014 there are now four groups of “authorised prescribers” – practitioners other than doctors who will be able to prescribe medicines as long as they are practising within their scope of practice. These practitioners are dentists, midwives, nurse practitioners and optometrists. Like doctors these practitioners carry responsibility for their own practice whether they are working alone, in a hospital or clinic, or as part of a team that is giving care to patients. It is their responsibility to ensure that prescribing, like any other aspect of practice, is safe and appropriate; so long as they work within their scope of practice they will not be restricted in which medicines they can prescribe. The Medicines Act also now allows for two other classes of prescriber: designated and delegated prescribers. Before the latest changes most nurse practitioners, certain nurses working in diabetes services, some pharmacists and some optometrists were designated prescribers. These prescribers are designated by way of Regulations issued by an Order in Council, and approved by the relevant responsible authority (for example the Nursing Council) which specifies the qualifications and training required. They are then allowed to prescribe for certain types of patients from a list of medicines designated in the Regulation. As with authorised prescribers, designated prescribers will be responsible for their own practice and for ensuring that they stay within the parameters of the relevant Regulation.

Delegated prescribing is the third class of prescribers that was allowed for under the Medicines Amendment Act. In order for any new group of professionals to be allowed to become delegated prescribers (and thereby accept delegated prescribing from a doctor or from a non-medical authorised prescriber) the regulatory body for each professional group would need to make an application to the Minister of Health in support of the change.

If and when any new health professionals become delegated prescribers then the prescriber will be responsible for ensuring that their own prescribing is within the relevant Regulation and the details of the delegated prescribing order. The authorising prescriber (perhaps a medical practitioner) will carry responsibility for ensuring that their delegated prescribing order is properly given according to the Regulations.

Vicarious liability

Under section 72 of the Health and Disability Commissioner Act 1994 there can be situations where a healthcare provider (eg, a DHB or a medical practice) is vicariously liable for the actions or omissions of a person who is employed or acting as an agent. Thus, if a medical centre or an individual doctor employs a nurse or another healthcare practitioner, they can be held vicariously liable for the other practitioner’s actions or omissions. It is a defence under this section of the Act that the employer has taken “such steps as were reasonably practicable to prevent the employees from doing or omitting to do that thing”. In an article on vicarious liability (Paterno 2005), the previous Commissioner stated that: “Although medical centres will not ordinarily be held liable for lapses in care or communication by an individual practitioner, if the lapse was attributable to poor systems or inadequate protocols at the centre, or if there is no evidence that the centre took reasonable steps to ensure that the practitioner was competent (eg, by credentialling on appointment and conducting ongoing peer review and practice audit), the centre may be held vicariously liable.”

Implications

New roles are being developed in many countries around the world as governments everywhere seek to address workforce pressures and shortages. They offer new opportunities and challenges. In general, medical groups support the idea of expanding roles within team approaches but are concerned about fragmentation and other risks when new practitioners work independently. On the other hand, nursing and other professions involved in such expanded roles often support the new clinical responsibilities, but argue that their practitioners are well-trained and capable of independent practice when this is appropriate for better patient access.

Medical practitioners should always treat healthcare colleagues – whether doctors or from another profession – courteously, respectfully and reasonably and respect their skills and contributions.1 They should be mindful of the importance of careful communication with any other professionals who are treating the same patients as they are. Shared patient records, which will develop further over coming years, will be helpful for ensuring that the patient is always at the centre of care. Inter-professional rivalry will not be helpful.

REFERENCES

1. Medical Council of New Zealand, Good Medical Practice (2013), paras 39-42
The recent release of the New Zealand Curriculum Framework for Prevocational Medical Training (NZCF) is possibly the biggest step forward in New Zealand medical education in the past two decades, bringing benefits to interns and patients alike. This is the first of a number of important changes being made to prevocational training for doctors.

Commenting in Medical Council News (July 2011), the then-chairperson of Council, Dr John Adams, following the release of a discussion paper on the Prevocational Training Requirements for Doctors in New Zealand, noted: “Personally, I’m very optimistic about this paper and the possible improvements it identifies that could be made to medical education. After over 20 years of reports and reviews, the paper begins the conversation about not whether, but about what and how change is to be implemented.”

Three years on, the foundations have been laid for comprehensive changes in prevocational medical training. Today the NZCF is on the verge of being implemented and builds on prior learning, experience, competencies, attitudes and behaviours acquired during medical school, particularly the trainee intern year.

The NZCF describes the learning outcomes to be substantially completed by the end of postgraduate year 1 (PGY1) and PGY2. These outcomes are to be achieved through clinical attachments, educational programmes and individual learning, in order to promote safe, quality healthcare.

The implementation of the NZCF will ensure that there are clear expectations for all involved in prevocational training with specific goals in each intern’s professional development plan, linked to the NZCF, allowing for a clear and common understanding of what needs to be achieved and assessed.

When beginning new attachments, the NZCF provides a useful guide for discussing the learning opportunities that may be available from a given attachment. It will help to identify particular skills and procedures that may be learnt during the attachment and enable the trainee to plan in advance to achieve such training.

Learning outcomes are split into five sections:
- Communication
- Professionalism
- Clinical management
- Clinical problems and conditions
- Procedures and interventions.

Interns gaining provisional general registration and commencing PGY1 in November 2014 will be expected to begin the process of attaining the learning outcomes from the NZCF through a mix of clinical attachments, learning modules and individual learning. Interns will record the skills they gain in a skills log. There is opportunity for them to take into account prior learning from the trainee intern (TI) year. This is a high trust model, and progress with the attainment of skills will be discussed with supervisors, although there is no need for supervisors to sign off attainment.

**E-portfolio**

An additional key feature of changes to prevocational training will be the introduction of an e-portfolio for each intern to maintain a record of learning. The e-portfolio will store a range of information including the intern’s professional development plan (PDP), assessment reports, skills log, and CPD activities.

The e-portfolio will be owned by the intern, and will be accessible to the prevocational educational supervisor, and the clinical supervisor on each attachment. The e-portfolio will decrease the bureaucratic burden for interns and supervisors by making sure that information travels with the intern and is always available, and providing an easy electronic method of collecting reports and other records.

The PDP is a short planning document that will assist the intern and their supervisors to reflect on achievements to date, and identify areas that need to be focused on in future clinical attachments or through learning modules. It will help structure and focus individual learning.

The intern will enter goals in their PDP over the course of PGY1 and PGY2 with help from their supervisors. The goals are targeted around obtaining the learning outcomes in the NZCF, and include the areas for improvement identified through the end of attachment assessments. In PGY2 the goals can be targeted around the intern’s vocational aspirations.

Andrew Connolly, Chairman of the Medical Council of New Zealand, explains what the publication of the New Zealand Curriculum Framework for Prevocational Medical Training means for the country’s next generation of doctors.
Community-based experience

Changing models of care and a projected increase in the incidence of age-related and chronic conditions will result in a greater share of medical services needing to be provided in the community. Regardless of whether or not an intern is planning to undertake vocational training in general practice, gaining some experience in a community setting will be of benefit. In particular it will ensure they are fit for purpose by providing the opportunity to:

■ practise triaging skills
■ work with degrees of uncertainty
■ understand the systems beyond the hospital boundary and the integration between primary and secondary care
■ expose interns to the current and future possibilities for delivery of healthcare outside the hospital.

Council wants all interns to complete a community-based clinical attachment during PGY1/PGY2, and has approved a staged transition, commencing in November 2015, and requiring 100% compliance for all interns by November 2020. The community setting is designed to give interns a view of how medicine is (as well as could be) delivered outside the hospital setting.

A community-based clinical attachment is defined as:

“An educational experience in a Council accredited attachment led by a community focused specialist which involves the learner in caring for the patient and their illness in the context of the community and their family.”

Features of the community attachment would usually include:

■ the community management of medical illness and mental health, including early detection of disease, population health surveillance, acute and chronic care management
■ the role of the vocational scope of general practice within the wider healthcare network – this would not usually include a hospital-based attachment, with the exception of those rural hospitals run predominantly by general practitioners.

General practice is expected to be the major setting for most community attachments but it would be detrimental to insist on it being compulsory:

Council wants to see interns exposed to innovations such as integrated care or outreach attachments that are being established by some hospital-based specialists and services. This is not the same as going to a hospital-based specialist’s private rooms – this would not be an acceptable community attachment as it is simply replicating hospital outpatient work in a different setting.

This definition does not exclude a hospital-employed supervisor whose focus is in the community. Community exposure is relevant to all interns, and many will spend the entire clinical attachment in general practice, but Council’s decision allows for even greater variety and, therefore, we hope, greater progress in staffing, innovative clinical care, and most importantly improved patient care across the sector over time. There are potentially many important areas of practice in the community, such as a specific multidisciplinary approach to community child health that could potentially be lost if we made general practice compulsory.

What are the outcomes of the changes?

Although possibly difficult to quantify, the Council believes public health and safety will be improved in the long-term. Our specific objectives for these changes to prevocational training include:

■ Improving the balance between service demands and training requirements
■ Increasing the opportunity for interns to obtain the broad-based core competencies needed for medical practice in New Zealand
■ Improving the vertical integration on the continuum of learning, and transition between medical school, prevocational training, and vocational training
■ Increasing opportunities for interns to work in community-based and outpatient settings
■ Improving the opportunity for PGY2s to extend competencies relevant to vocational training
■ Increasing the opportunity for senior doctors to participate in the supervision and training of interns.

An evaluation programme is being undertaken, to consider whether the changes being put in place for prevocational training result in improved quality of training for interns, and to determine whether the objectives are met.

More information about the changes Council is making to prevocational training is available at www.mcnz.org.nz.
THE STORY OF BETH BOWEN

In 2007 Clare Bowen’s five-year-old daughter Beth died during surgery at a hospital in the UK. Here she tells her story to Sara Dawson – and relays her hopes that it will reduce the likelihood of such an incident happening again.

I’m a mum to three small children who all have spherocytosis, which causes them to become very anaemic and require blood transfusions. The condition made my middle child William very poorly, so in January 2006 a decision was made to remove his spleen – it made a massive difference to his quality of life.

So the following July, we decided that Beth, my eldest daughter, would have the same operation – she had just started school and couldn’t keep up with the other children. We felt confident, as the same team that operated on William would be treating Beth. I remember talking with the doctors beforehand about possible scars on Beth’s tummy, so the spleen would be removed through a lower incision.

We had all the pre-op stuff done and chatted to all the doctors, before arriving at the hospital on 27 July. She went down for her operation at 1pm – we didn’t hear from the doctors for several hours. At 4pm we spoke to a nurse, asking her why it was taking longer than it should.

Just after 6pm, the surgeons, the anaesthetist and the nurses came into our tiny waiting room – without any warning they said something awful had happened. The doctors seemed unable to comprehend what had happened. I asked one doctor: “Is she dead?” He said “yes”, adding that she’d lost a lot of blood during the operation as a blood vessel had been cut and she hadn’t survived. He said they’d been trying to save her for an hour and half prior to coming to see us, but she hadn’t survived – she’d lost too much blood.

The immediate aftermath

In the weeks after Beth’s death we received no answers from the hospital – it was very difficult to get them to talk to us. Slowly we gathered bits of information. We found out that at the last minute a new piece of equipment was used called a morcellator – like an apple corer – that removes chunks of flesh through laparoscopic portholes.

It emerged that the surgeons hadn’t used the equipment before, they hadn’t received any training and no risk assessments on the equipment had been undertaken.

It was an adult piece of equipment that was not meant to be used on a child.

The damage to Beth’s body was extensive; they made cuts to her aorta, her stomach, her intestines – she had massive trauma to her body.

Searching for answers

It was only when we enlisted help from a friend with a medical background that we started asking questions that really needed asking.

Why did the hospital throw away all the equipment they used that night? Why didn’t they keep the blood that Beth lost? Why didn’t they try and retrieve the items when we’d asked them, even though they were still at the hospital? Everything that could have given us clear answers was disposed of immediately. It didn’t allow us to get the answers we so needed.

It surfaced that the surgeon who carried out Beth’s operation had only ever done three laparoscopic surgeries before – William had been her first. In her head she deemed it ok to try to operate that piece of equipment on my daughter.

Confusion

That was something we as parents could never understand – why would a doctor allow themselves to operate a new piece of equipment that they weren’t comfortable with, while their senior was in the room? I don’t think any of the surgeons understood that there was a technique to what they were doing, one that had to be learned.

They had no formal training on how to use the morcellator; a five-minute talk was judged to be enough training. The nurse who was asked to put the morcellator together had never seen it before. No-one felt they had the authority or the ability to halt the operation. If only someone in the theatre that day had said can we stop a minute, can we take a step back, we’ve had no training, we’ve not done a risk assessment, we’ve not really thought this through, is this a good idea?

The inquest

We did not receive an apology before or after the inquest. The hospital admitted they had failed in their duty of care and they were sorry that they had failed to prevent Beth’s death. They didn’t fail to prevent Beth’s death – they caused it.

It surfaced that the surgeon who carried out Beth’s operation had only ever done three laparoscopic surgeries before – William had been her first. In her head she deemed it ok to try to operate that piece of equipment on my daughter.

The three-day inquest took place 18 months after Beth died. Unfortunately, the only way we could afford a solicitor was to take legal action against the hospital, which is something we never really wanted to do.
For us it was never about money; it was about answers. The only way I can describe the inquest from a parent’s point of view is that it’s like being tortured and you can’t escape. We had to listen to different stories about Beth’s last hours, while trying to fit it all together in our heads – it was horrible. Information that came out in the inquest was contrary to what the hospital had been telling us in the months previously. Photographs were revealed of the theatre and information was shared on Beth’s medication, which she’d been given but we were unaware of. A trainee surgeon was the one specifically holding the morcellator – they had never used it before and she was not allowed to perform surgery on her own.

During the inquest the hospital admitted that they had not received consent from us to carry out the operation on Beth.

I left the inquest room while they showed pictures of Beth’s autopsy, but my husband Richard felt he had failed Beth by allowing the hospital to do the operation, so he remained in the room – the pictures destroyed him. No-one should have to see their child cut up on an autopsy table.

The striking thing during the inquest was the arrogance and complete disregard by the medical professionals in the room for our feelings, and for the part that they played in Beth’s death.

In the months after the inquest, Richard suffered a massive heart attack and died – he was only 31 years old.

On a national level
Beth’s death was reported widely in the media and the UK government became interested in what happened. The Health Select Committee started looking at many incidents where hospitals hadn’t been open and honest with parents and relatives after operations or treatment that had gone wrong.

The Committee published a report about the death of Beth. It generated a lot of dialogue and interest in the subject that wasn’t there before – it was a catalyst for change. That said, I do think there is still a long way to go.

The Committee came up with some good ideas for ways to drive things forward, but it’s not always about rules and making people do things; it’s about a change in culture. Bringing in a law to enforce open candour and openness is not necessarily the right way forward.

Reflections
Attitudes need to change. Some medical professionals are too arrogant to believe they can be any better and that they can make mistakes. With this attitude you blind yourself to mistakes, and you won’t see one heading straight for you.

Medical professionals should be confident in their ability, but they should understand their limitations – “I’m good, but I can be better”. Beth may still be alive if the surgical team’s mindset had been different going into the operation.

Change has to come from the top and the bottom – openness and candour must be championed by everyone but, ultimately, it is the board and the senior doctors who are the ones that need to facilitate the changes.

Visit www.youtube.com/user/MedicalProtectionSoc to see a video interview with Clare Bowen, as she describes her fight for the truth behind the tragedy.
Commentary – Being open
By John Tiernan, MPS Executive Director, Member Engagement

Sadly things do go wrong in medicine. We can’t be totally confident about how frequently things go wrong, but they are not a rare occurrence. For many years a culture of denial existed, where doctors were heroes who never have adverse outcomes. These expectations led patients to demand perfection and perceive adverse outcomes as unacceptable even when the literature suggests that as many as 50% are not avoidable. The fear of openness is often driven by a blame culture where the doctor is disproportionally singled out for sanction, regardless of the multifactorial causes of some of these events.

The real challenge is how to change this culture to one where we move from disproportionate blame to one of fair accountability or a just culture, where the emphasis is on learning from adverse events rather than finding someone to blame. The learning culture is balanced by the profession taking accountability when mistakes are made.

A good starting point is encouraging openness after an adverse event has occurred. When something has gone wrong be open and candid with the patient – it is part of the ongoing therapeutic relationship. Say sorry for what has happened and talk honestly with them – don’t run away or deny what’s happened. It isn’t always easy but it is the right thing to do.

Examining significant events and exploring adverse outcomes is not always an admission of bad practice – it is, however, an essential part of good practice.

Being open can also reduce the risk of complaints and claims. For many patients who have suffered an injury, turning to the law is often a last resort; patients go down this route because they feel it is the only way to have their questions answered. There is a large amount of evidence that suggests that people lodge a complaint or a claim against a doctor, not primarily because of their injury, but because they’re angry at what happened and want answers.

Which is more professional? To refuse to acknowledge an adverse outcome and cling to the belief that you are incapable of having one, or to acknowledge it, manage it ethically and professionally and, most of all, learn from it?

Which sort of professional would you rather be treated by?

Junior doctors should feel empowered to stand up to cultures that threaten patient safety. They should be able to speak out and be supported by their seniors. They may not be correct all the time, but that should be ok – they shouldn’t be berated for being wrong; they should be rewarded for asking questions and having the courage to say “can we stop; can we check this is right?” Seniors should not view this as frustrating but as affording an opportunity to rethink what they are doing.

Learning to live again
I can’t do anything to bring my daughter back. My daughter has gone – I can’t do anything for her now; I can’t help her. But I can encourage doctors to be safer, to work as a team and to speak out. I want people to understand that once you’ve made a mistake or done something wrong, or been in a situation out of your control where something has gone dreadfully wrong, then you should be open and honest about what’s happened. Allow yourself to be found at fault because that is the only way that people can improve.

No-one can truly understand the pain of losing a child unless you’ve been there, but if you can think – even for a second – that you’re putting someone’s life at risk, stop and consider the pain that I feel every single day. Then I know you’ll do the right thing.

Lucian L Leape MD
Adjunct Professor, Health Policy, Harvard School of Public Health

We’re moving from paternalism with patients – let the doctor tell you what’s right for you – to an openness and a patient partnering, where the patient not only has a right to know, but we want them to know.

Dr Donald Berwick
MD, MPP, President Emeritus and Senior Fellow, Institute for Healthcare Improvement

Don’t think we can become safer secretly. There’s some very inescapable connection between openness and honesty and disclosure and involvement, confession, apology... all acts of openness in building a safe culture. I think this idea of transparency and openness is an essential part of our future.

Professor Charles Vincent
Professor of Psychology, Emeritus Professor of Clinical Safety at Imperial College London, Imperial College, London

Information about errors and adverse events, harmful outcomes in healthcare, has very seldom been studied openly; it’s been treated as a nuisance, something we don’t want to know about, an occasion for shame, guilt, and other sorts of problems. In the last few years in healthcare we’ve come to realise that it can also be – if treated properly – a resource, and an essential way of achieving a safe culture.

Professor Mayur Lakhani
GP and Chairman of the National Council for Palliative Care, UK

When something goes wrong, you need to lose sleep over it. Why did it happen? Do I understand what happened here? Have I made sure that I know the reasons this happened? What can I do to prevent it? Have I said sorry to the patient? Have I involved the patient in this situation? Have I talked to staff? I think that’s a really important obligation of doctors.

Guy Hirst
Former British Airways training captain and human factors expert

Medical teams are human. Medical teams are driven to succeed and have the needs of the patient at heart. They need to be pre-occupied with the possibility that they will make errors. The team leaders, usually consultants, must understand that they will make mistakes and try to break rules in order to achieve results. The safety net is their team who must trap or mitigate the consequences of such errors or violations. Research shows that if the leader briefs the team in an open, interactive and inclusive manner then team members will speak up in an assertive manner when the situation demands.

REFERENCES
1. Note to non-UK readers: the Health Select Committee is part of the UK parliament, and oversees the operations of the UK Department of Health. Here is a link to the Health Select Committee report – www.publications.parliament.uk/pa/cm200809/cmselect/cmhealth/151/151we22.htm
Since precise settlement figures can be affected by issues that are not directly relevant to the learning points of the case (such as the claimant’s job or the number of children they have) this figure can sometimes be misleading. For case reports in Casebook, we simply give a broad indication of the settlement figure, based on the following scale:

**WHAT’S IT WORTH?**

- High NZ$1,000,000+
- Substantial NZ$100,000+
- Moderate NZ$10,000+
- Low NZ$1,000+
- Negligible <NZ$1,000

This edition *Dr Mark Dinwoodie*, head of member education at MPS, assesses the key learning from the latest collection of case reports.

I’m delighted to have the opportunity to reflect on the cases in this edition of Casebook from an educational and risk management perspective.

The cases of Mr D, with his osteoarthritic knees (“A pain in the knee”, page 14), and Mrs H, with her neuropraxia following cannula insertion (“A cannula complication”, page 21), remind us how record-keeping can contribute to an effective defence against allegations of negligence. Of course, good documentation is also increasingly essential to support good clinical care and enable continuity to be delivered by an increasing range and number of involved healthcare professionals.

It is important that not only should the clinical assessment and any procedure be adequately documented, but also the discussion behind any decision made regarding treatment. It is, of course, a matter of judgment regarding how much to write in the notes and, inevitably, time pressures will contribute to that consideration.

“The elusive diagnosis” for Mr M (page 15) turned out to be diabetes in a patient who had repeatedly attended the GP surgery for several infections. While MPS successfully defended this case, it reminds us of the importance of reconsidering the diagnosis in patients who represent with recurring symptoms or signs. There can be a temptation when a patient returns with no improvement to keep adjusting the treatment, whereas sometimes what is needed is a review of the original diagnosis and adjustment of the treatment to match the reviewed diagnosis.

The system errors of Mrs Y and the blood transfusion (“Transfusion confusion”, page 19) highlight the importance of someone taking responsibility when the patient has suffered an adverse outcome and, following an apology, having an open and honest discussion with the patient, explaining what has happened. It is always appropriate to say that you are sorry for what the patient has experienced. It also shows how patients themselves can make a valuable contribution to patient safety. I hope that you find reading the cases to be interesting and informative. Our range of education risk management products can help you address some of these challenges, and I encourage you to visit www.medicalprotection.org and click on the Education tab for more information.

**CASE REPORT INDEX**

<table>
<thead>
<tr>
<th>PAGE</th>
<th>TITLE</th>
<th>SPECIALTY</th>
<th>SUBJECT AREA</th>
</tr>
</thead>
<tbody>
<tr>
<td>14</td>
<td>A pain in the knee</td>
<td>ORTHOPAEDICS</td>
<td>SUCCESSFUL DEFENCE</td>
</tr>
<tr>
<td>15</td>
<td>The elusive diagnosis</td>
<td>GENERAL PRACTICE</td>
<td>SUCCESSFUL DEFENCE</td>
</tr>
<tr>
<td>16</td>
<td>Who’s to blame?</td>
<td>GASTROENTEROLOGY/ENDOCRINOLOGY/OPHTHALMOLOGY</td>
<td>SUCCESSFUL DEFENCE</td>
</tr>
<tr>
<td>17</td>
<td>Missing cauda equina</td>
<td>GENERAL PRACTICE</td>
<td>INTERVENTION AND MANAGEMENT/RECORD-KEEPING</td>
</tr>
<tr>
<td>18</td>
<td>An unwanted pregnancy</td>
<td>GYNAECOLOGY</td>
<td>SAFETY-NETTING</td>
</tr>
<tr>
<td>19</td>
<td>Transfusion confusion</td>
<td>GENERAL MEDICINE</td>
<td>SYSTEM ERRORS</td>
</tr>
<tr>
<td>20</td>
<td>Eyes of the storm</td>
<td>OPHTHALMOLOGY</td>
<td>INTERVENTION AND MANAGEMENT</td>
</tr>
<tr>
<td>21</td>
<td>A cannula complication</td>
<td>ANAESTHETICS</td>
<td>SUCCESSFUL DEFENCE</td>
</tr>
<tr>
<td>22</td>
<td>High expectations</td>
<td>GENERAL PRACTICE</td>
<td>SUCCESSFUL DEFENCE</td>
</tr>
</tbody>
</table>

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Mr D, a 62-year-old manager, had severe pain in both knees, which caused him trouble walking more than 200 yards. He was referred to an orthopaedic clinic for assessment.

At the assessment, consultant Mr M diagnosed bilateral osteoarthritis of his knees. Two weeks later bilateral knee arthroscopies were carried out. At follow-up clinic a week later, Mr D felt his knees had improved.

However, two months later Mr D complained of extreme pain in the left knee and it was decided he should undergo total left knee replacement.

Following the knee replacement, Mr D had physiotherapy. Two months post-surgery, Mr D was happy with his knee replacement. He had returned to work, was driving, and playing golf.

Four months post-surgery, Mr D was reviewed by Mr M after he complained of developing difficulties flexing his knee. Mr M thought Mr D had developed fibrotic changes within the joint and, as a result, manipulation was undertaken under anaesthetic a few months later. The day after the manipulation, Mr D had a disagreement with one of the physiotherapists and discharged himself from hospital. He declined in and outpatient physiotherapy and arrangements for physiotherapy elsewhere.

Early the following year, Mr M saw Mr D and noted that he had benefited from having later physiotherapy, with movement of 100°. However, a number of months later, Mr D had subsequent difficulties and pain. A second opinion obtained from surgeon Ms H stated that the femoral component was too large and a revision knee replacement was carried out. Mr D claimed his pain had been eradicated.

Mr D made a claim against Mr M, stating that he had failed to recognise, from postoperative x-ray, that the femoral implant of the first knee replacement was too large, failed to advise of the need for a revision procedure, and failed to carry out a revision procedure, or refer Mr D to another surgeon. He also claimed a pointless manipulation was carried out under anaesthetic and he had suffered unnecessary pain and inconvenience for more than two years.

Expert opinion

Expert opinion was supportive and there was no criticism of the initial procedure carried out by Mr M. The femoral component was found to be in reasonable size limits and it was stressed that the management of painful stiff knee post-replacement is notoriously difficult – many factors can come into play.

During the revision procedure, significant soft tissue release would have been required and this alone may have been responsible for an increased range of motion in Mr D’s knee. However, experts were critical of the fact that as Mr D was not happy with the result of the knee replacement, the reasons why should have been investigated.

The case was successfully defended at trial and nearly all costs were recovered.

SW

Learning points

- A poor outcome doesn’t necessarily mean negligence. There was no criticism of the procedure itself by experts.
- Supportive expert opinion of the technique used in the procedure meant that the case could be defended to trial.
- Mr M had well-documented the procedure and detailed medical records helped in defence of the case.
The elusive diagnosis

Mr M, 50 years old, suffered chronic ill-health due to spinal fusion, chronic bronchitis and asthma. He was a regular attendee at the surgery of Drs C and D, with sinusitis. In March 2005, Mr M saw Dr D with a similar complaint and she administered him with a flu jab, particularly as Mr M often failed to attend chronic monitoring clinics. The notes from the consultation said: “Upper respiratory tract infection NOS. Catarrh following URTI 2/52 ago is well. O/E ENT NAD chest flu jab given.”

A year later, Mr M saw Dr D and the notes said: “Acute sinusitis chest clear. Prescription for doxycycline 100 mg (8).” Dr D advised Mr M how to take the doxycycline and told him to return if the symptoms did not resolve. Three months later, in June 2006, Mr M attended the surgery again, this time as an emergency, and saw Dr C. Dr C’s notes said: “[SO] penis. Cough. EM-Cough prod of green sputum and sore scratch of L-side of corona of penis ? infected. Chest clear. RV PRN.” Dr C prescribed Mr M some antibiotics to cover the possibility of both skin and chest infections, and asked Mr M to return if either problem did not clear up.

Three months later, Mr M was again seen by Dr C as an emergency appointment. Mr M presented with a productive cough and a high temperature, and, on examination, there were signs of chest infection at the base of the right lung. Mr M was prescribed antibiotics for a lower respiratory tract infection. Six months later, in February 2007, Mr M suffered a stroke. Upon admission to hospital, diabetes was diagnosed. Mr M remained in hospital for three months and afterwards continued to suffer pain and restrictions to his mobility.

Mr M made a claim against Dr C and Dr D, alleging that over the course of his numerous consultations, they had failed to diagnose, treat and monitor his diabetes; failed to diagnose, treat and monitor his hypercholesterolaemia; and failed to monitor his blood pressure.

Expert opinion
MPS instructed GP expert Dr K to report on breach of duty. Dr K raised no criticisms of the care provided by either Dr C or Dr D, and did not consider either to be in breach of duty. However, Dr K did warn that a lack of a screening programme at the surgery, to screen for diabetes in at-risk patients, posed a litigation risk.

Professor V, a consultant physician, reported on causation for MPS. He said that had the diabetes been diagnosed and controlled, together with treatment of his blood pressure and cholesterol, on the balance of probabilities Mr M’s stroke would have been prevented or, at least, delayed for a few years. Professor V deferred to Dr K’s view that there had been no breach in the duty of care.

Due to supportive expert evidence, MPS resolved to defend the case; Mr M’s legal team discontinued the claim and MPS was able to recover some of its costs.

Learning points
- The NICE guidelines Preventing Type 2 Diabetes: Risk Identification and Interventions for Individuals at High Risk (2012) are aimed at identifying people at a potential high risk of developing the condition; assessing their individual risk with testing; and, if necessary, offering lifestyle advice (such as advice on diet and exercise), to help prevent the condition in people who are at high risk. The guidelines are available at www.nice.org.uk/guidance/PH38
- It is important to listen to patients who reattend with recurring problems. Doctors must not let an element of “crying wolf” blind their judgment. Maintain an open mind and be willing to revise an initial diagnosis.
- A long-running scenario such as this one is ideal for discussion at a ‘significant event’ meeting, to identify whether anything could have been done differently at each stage of Mr M’s treatment.
Mrs B, 40 years old, was referred by her optician to see an ophthalmologist, Mr F, because of concerns about possible raised intraocular pressure and right-sided amblyopia. Mr F confirmed the diagnosis of right-sided amblyopia, found her to have normal intraocular pressure and documented some visual field loss in both eyes, which he considered was performance-related. He advised reassessment in six months but the patient did not attend for follow-up. Mr A attempted to conduct further follow-up consultations on a number of occasions but Mrs B failed to attend.

Ten years later Mrs B was admitted to hospital with smoke inhalation after an accidental house fire. Her only significant past medical history was a hysterectomy for menstrual disturbance some years previously. The medical consultant on call was an endocrinologist, Dr Y, and she was discharged after two days under his care.

A year later she was seen by consultant gastroenterologist, Dr Z, with hepatomegaly due to alcoholic hepatitis. Soon after, Mrs B was admitted under Dr Z’s care after taking an overdose of chlordiazepoxide. A junior doctor commented in the notes that she had “noticed a change in her appearance” that was “interesting, but not classically like acromegaly” and recommended further investigation. Dr Z had no recollection of hearing such comments and no further investigations were carried out.

Over three years later a brain MRI scan was carried out to investigate mild neurological symptoms and memory impairment following a fall. The MRI scan showed an abnormality in the pituitary gland and a subsequent pituitary MRI scan showed a pituitary macroadenoma measuring 1.5cm. Mrs B was found to have a hoarse voice caused by oedematous vocal cords, and a large tongue, nose and hands. Her prolactin level was elevated and a diagnosis of acromegaly was made. Mrs B underwent uncomplicated transphenoidal surgery to remove the pituitary tumour.

Following surgery Mrs B had numerous medical problems caused by late stage acromegaly and other problems related to the hormonal disturbances brought on by removal of the pituitary gland. An MRI scan the following year showed no signs of tumour recurrence.

Mrs B brought a claim against Mr F, Dr Y and Dr Z, alleging that on three occasions opportunities to diagnose her pituitary tumour were missed.

Expert opinion
Most of Mrs B’s medical problems were the direct effect of undiagnosed acromegaly. The acromegaly could also have contributed to depression, consequent alcoholism and memory loss. The menstrual disturbance may have been due to the hyperprolactinaemia. Early diagnosis and treatment would have given Mrs B a substantially better quality of life.

The claimant’s expert considered that Mr F, Dr Y and Dr Z had “missed opportunities” for making the diagnosis. Significantly, a consultant endocrinologist examined Mrs B when she was admitted with smoke inhalation. The expert commented that it is not unreasonable to expect an endocrinologist to detect the clinical signs of acromegaly during a routine clinical examination.

However, experts instructed by MPS were supportive of the care provided by the doctors. The physical changes of acromegaly are slow to develop and the diagnosis is notoriously difficult to make in the early stages. Mrs B’s alcoholism could also have contributed to the changes in her facial appearance, making the acromegalic features more difficult to pick up.

MPS issued a robust defence to the allegations. Eventually, Mrs B discontinued her claim.

AK
Ms E, a 29-year-old mother, had suffered with ongoing low back pain since the birth of her second child two years ago, which had failed to improve with physiotherapy. She was assessed in orthopaedic outpatients and diagnosed with an L5 disc prolapse and listed for microdiscectomy.

A week after her orthopaedic consultation, she called her local GP surgery and spoke to Dr A, complaining that she was still in pain, and was unable to come down to the surgery to be seen. Dr A noted she was waiting for an operation and gave further analgesia and muscle relaxants.

The following day, Ms E called the out-of-hours service reporting ongoing pain, despite taking the analgesia prescribed by her GP. She also mentioned numbness in her left leg. The triage nurse she spoke to advised her to try an anti-inflammatory and to seek further advice if her symptoms worsened or if she continued to be worried.

Ms E continued to have symptoms so booked an appointment to see Dr A, and was seen three days later. Her pain was ongoing and she had now developed urinary symptoms; Dr A added in naproxen and started antibiotics for a suspected UTI.

The prescribed medication made no difference to her symptoms, and the following evening Ms E presented to her local emergency department, and was diagnosed with cauda equina syndrome. She was transferred to the care of the neurosurgeons and had an urgent MRI. She underwent an L4 laminectomy the following afternoon, but was left with irreversible disturbance of bladder and bowel function and a persisting numbness in both the left leg and the perineal region.

Ms E pursued a claim against Dr A, alleging that he had failed to warn her about the seriousness of red flag symptoms in his first two consultations with her. She also claimed that he had failed to carry out any clinical assessment or suspect cauda equina syndrome and refer appropriately when she had presented at the surgery.

Expert opinion
MPS experts reviewed Dr A’s case notes. The GP expert felt that Dr A had not breached his duty in his initial telephone consultation by failing to warn Ms E about red flag symptoms, on the basis that she was under the care of the orthopaedic team and it was reasonable to assume that they had advised her about cauda equina syndrome and its symptoms. However, his subsequent consultations were viewed as substandard. His note-taking was poor and he failed to document any enquiry about red flag symptoms when the patient presented with urinary symptoms on a background of back pain. Dr A conceded that his usual practice was to document a lack of red flag symptoms if he asks about them and, therefore, it was likely he did not ask and that his diagnosis of a UTI would be difficult to defend.

The neurosurgical expert felt that the onset of cauda equina began with the urinary disturbance, which Ms E consulted Dr A about, and that an urgent referral for surgery within 48 hours of the onset of symptoms would have resulted in a more favourable outcome. He stated that the claimant was likely to have been left with residual low backache without bladder and bowel symptoms or neurological symptoms, and that Dr A’s failure to diagnose cauda equina syndrome led to a significantly less favourable outcome for Ms E.

The claim was settled for a high sum.

Learning points
- As always, good note-keeping is essential – not only for patient care, but when defending a claim. When assessing any patient, negative findings should be routinely documented, and in cases of back pain, repeated examination is often necessary to ensure there are no developing or progressing neurological symptoms.
- Cauda equina syndrome comes up repeatedly in Casebook. Be wary of patients who re-present with ongoing pain and never forget to ask about red flag symptoms (see useful links). In the setting of acute back pain, bowel and bladder symptoms should always prompt careful consideration of a neurological cause.
- It is easy to be reassured when a patient has seen a specialist and is awaiting further treatment, but symptoms can change, and an enquiry should be made about any deterioration in each new contact with the patient.

USEFUL LINKS
1. www.sheffieldbackpain.com/professional-resources/learning/in-detail/red-flags-in-back-pain
Ms S, a 44-year-old shop assistant, was seven weeks pregnant. She didn’t feel able to continue with the pregnancy and booked an appointment at a clinic for a termination of pregnancy (TOP).

At the clinic, Ms S was seen by Dr F where a full history was taken – Ms S mentioned she had had one miscarriage – before tests were carried out. A pregnancy test proved positive, but an ultrasound scan showed no evidence of a gestation sac. Ms S was treated with mifepristone orally, followed by misoprostol (inserted vaginally) several hours later. Later that day, Ms S was discharged and given a post-treatment leaflet for reference. She was advised to contact the clinic 48 hours later to discuss her treatment, though she did not do so. She assumed that the termination had occurred by the next day.

Three weeks later, Ms S woke in extreme pain and was taken by ambulance to the local Emergency Department (ED). Here, it was discovered that Ms S had an ectopic pregnancy, which had ruptured. As a result, her left fallopian tube had to be removed.

Ms S brought a claim against both the clinic and Dr F, stating that she had been unable to conceive since the event, which had exacerbated her pre-existing depressive disorder. Ms S alleged that Dr F was negligent in failing to investigate the fact that no gestation sac could be seen on the scan prior to performing early medical abortion. She also alleged Dr F was negligent in failing to consider the possibility of ectopic pregnancy and refer her to hospital for further investigation.

**Expert opinion**

The clinic admitted liability to Ms S at the complaints stage, without contacting Dr F or seeking his opinion. MPS sought expert opinion on behalf of Dr F, which concluded Dr F’s actions were likely to have caused, or materially contributed to, Ms S suffering the loss of her left fallopian tube with some consequent pain and suffering.

However, expert opinion maintained that the loss of one fallopian tube does not necessarily prevent conception, as the probability of pregnancy is not substantially reduced. GP records confirmed that Ms S had been trying to conceive for 18 months and she was still ovulating. Her inability to conceive would at least partly be due to her age (44). Dr F’s actions did not necessarily cause Ms S’s infertility.

GP records indicated that Ms S had an extremely complex, long-standing psychiatric history. She had been taking antidepressants for more than ten years, and had been diagnosed with a mild form of bipolar disorder three years previously. Expert opinion suggested that Dr F’s breach of duty in his actions may have exacerbated Ms S’s long-standing psychiatric condition.

The claim was therefore settled for a moderate sum.
Mrs Y, 38, was admitted to hospital under the care of consultant Dr F for treatment of anaemia due to excessive menstrual bleeding. A sample of her blood was taken for grouping and cross-matching, for the purpose of a blood transfusion; a pack of compatible A-positive donor blood was sent to the ward for this purpose.

After the transfusion began, Mrs Y asked about the blood grouping, telling the nurse that she thought she might be A-negative. The nurse immediately stopped the transfusion and reported this to the laboratory technician – by which time, three to four drops of blood had already been transfused. However, the technician replied that the cross-matching was compatible, and advised that the transfusion should continue while he rechecked the cross-matching.

A short time later, the technician informed the nurse that Mrs Y was in fact A-negative and that the transfusion should stop; by this time, another six to seven drops of blood had been transfused. A blood sample was taken from Mrs Y and she was immediately administered dextrose saline and hydrocortisone intravenously.

Upon clinical examination and observation, Mrs Y’s condition was normal. Both the pre and post-transfusion blood samples had been tested for haemolysis and antigen-antibody reaction (Coomb’s test), and both tests had shown as negative for any reaction. A day later, Mrs Y was referred to a consultant obstetrician and gynaecologist for a full review of her menorrhagia, and a vial of anti-D was administered to Mrs Y. The following day, Mrs Y was discharged from hospital.

Mrs Y attended the hospital two weeks later where her condition was found to have improved – her haemoglobin level had increased, she was feeling less tired and there were no more palpitations. Mrs Y was asked to attend a further follow-up a month later, but did not attend. She made a claim against both Dr F and the hospital for the errors in her blood transfusion, alleging pain and suffering, and emotional stress and psychiatric injury.

Expert opinion
Although there had been a clear breach of duty in the error made during the blood transfusion, the experts for both MPS and Mrs Y disagreed over causation. Although Mrs Y had suffered no adverse reactions as a result of the transfusion, and had been administered with the necessary remedial measures, she alleged psychiatric injury; the experts instructed by Mrs Y’s legal team stated that she was indeed suffering from major depressive disorder with psychosis, as a result of the erroneous transfusion.

The expert instructed by MPS, a consultant psychiatrist, said that the 17-month period between the blood transfusion and the alleged diagnosis of major depressive disorder was rather prolonged for a connection to be drawn between the two incidents.

MPS also argued there was no liability against Dr F in the claim, stating that although he ordered the blood transfusion and had overall responsibility for the care of Mrs Y, he could not be held accountable for the mistake of the hospital’s laboratory technician.

The allegations against Dr F were subsequently dropped and the blood transfusion service accepted full liability for the incident and Mrs Y’s psychiatric injury, settling the case for a low sum.

Learning points

- Being open about errors following an adverse event is important.
- Listen carefully to the history given by the patient, and don’t hesitate to query a course of treatment even after it has started.
Eyes of the storm

Mr Q, 40 years old, consulted Miss A, a consultant ophthalmologist, with lesions affecting his eyelids. Mr Q's complex medical history included antiphospholipid syndrome and his drug therapy included anticoagulant and antiplatelet agents, oral corticosteroids and ocular surface lubricants.

Miss A documented lesions on the left upper and lower eyelid margins resembling papillomas. No corneal or tear film abnormality was noted. She advised upper and lower full thickness wedge excision of the lesions under general anaesthesia. Consent was obtained and Mr Q was warned of the risks of bruising, infection, scarring and revision surgery. The surgery was performed a month later and was uncomplicated.

Mr Q reported severe pain in the eye shortly following surgery. Review the next day identified a small central corneal abrasion and two lashes on the lower lid in contact with the cornea. The corneal abrasion was fully healed on the fourth postoperative day and the lid sutures were removed.

Ten days postoperatively there was complete dehiscence of the lower lid wound that was repaired under local anaesthesia. Subsequent eye examinations revealed persistent punctate corneal erosions affecting the lower cornea. Mr Q also experienced painful recurrent corneal erosions and a bandage contact lens did not help to alleviate the pain. Over the months that followed, Mr Q continued to experience episodic pain in the left eye despite regular topical therapy. Two years after the initial surgery, worsening symptoms prompted epithelial debridement, stromal puncture and placement of a bandage contact lens but the discomfort persisted.

A subsequent entry in Miss A’s private notes, noted a notch in the centre of the upper eyelid and a note that further surgery may be needed. Her letter to the GP made reference to ocular dryness causing discomfort.

On 24 August 2010, Mr Q saw Mr B, another consultant ophthalmologist, on account of increasing pain in the left eye. He noted a central corneal opacity reducing vision to 6/12 and an overlying area of epithelial loss. Mr B felt the lid notching with central corneal exposure and a deficient tear film were contributing to his corneal problem and referred Mr Q to oculoplastic surgeon, Mr C, for further management.

Mr Q was seen by Mr C in November 2010, who noted a noticeable notch of the upper lid and a subtle notch affecting the lower lid with corneal exposure. He advised surgical correction of the upper lid notch under general anaesthesia.

Mr Q made a claim against Miss A. He alleged that Miss A failed to carry out the first operation correctly, failed to provide adequate aftercare, failed to inform Mr Q of the notches on his eyelids caused by the removal of the warts, and failed to make a proper or adequate examination of Mr Q.

Expert opinion
The expert ophthalmologist was critical of Miss A’s operative technique and aftercare. He also said that during the initial consultation Miss A failed to enquire about dry eye and diseases that can be associated with this. The expert was further critical that Miss A failed to complete consent forms adequately.

The expert believed that a shave excision would have been more appropriate and has fewer risks, so was further critical of the wedge excision of both the upper and lower eyelids, as it was unnecessary and undertaken without careful counselling of the claimant with regard to the effect on the ocular surface disease.

The claim was settled for a moderate sum.

AK

Learning points
- Careful discussion with the patient of the treatment options and potential complications is important, as is a record of the conversation, decision and consent process. This should include a discussion about the possible interaction(s) with any pre-existing condition.
Mrs H, a 28-year-old massage therapist, was admitted to hospital for laparoscopic tubal ligation. Dr T was the anaesthetist for this surgery.

Before the surgery, Dr T placed a cannula in Mrs H’s right wrist and, after surgery, a patient-controlled analgesia (PCA) was commenced through this cannula. According to the cannula chart, a cannula was also placed in Mrs H’s left hand, although this was not in place following surgery. Mrs H also recalled a cannula site in the left forearm and a further cannula site in the right forearm following surgery, although these were not recorded on the cannula chart.

Records show that a day later, slight blood staining was present at the cannula site in Mrs H’s right wrist. The following day, Mrs H reported the site of the cannula being painful so it was removed. No further problems were recorded and Mrs H left hospital a day later.

A month later, Mrs H attended the hospital in relation to umbilical wound oozing; she also complained of altered sensation in her left thumb and for this was referred back to Dr T. He noted that Mrs H had had two cannula sites over her left arm where she had developed a haematoma and now had paraesthesia over her distal thumb; Dr T referred Mrs H to Dr Q, a consultant orthopaedic surgeon.

Dr Q noted neurapraxic damage to the dorsal branch of the radial nerve, and advised desensitisation exercises. A month later, improvement was noted and Dr Q noted the hyperaesthesia had settled. He further noted that there was 40% function in the dorsal branch of the radial nerve and that there was a reasonable chance that this would recover, at least to a degree.

Mrs H made a claim against Dr T for alleged substandard technique during cannulation, also alleging poor record-keeping in his failure to record two cannula insertions on the cannula chart. Mrs H claimed that when the needle was inserted into her vein, poor technique was employed, resulting in the bevel of the needle cutting through nerves and creating neuromas, causing neurological damage. Mrs H also claimed that the sensory injury had left her disabled, in that she found it extremely difficult to carry out her job.

Expert opinion
MPS obtained an expert report on breach a short time after the letter of claim was received. Professor I, a consultant in anaesthesia and intensive care, produced the report and was robust in his defence of Dr T. Professor I stated that he considered Dr T’s technique to be entirely appropriate and that he could not see any evidence of substandard care. He considered it likely that the nerve damage did arise from the unsuccessful cannulation but did not in any way reflect bad technique. Professor I also found Dr T’s record-keeping to be appropriate, as he would not expect failed cannulations to be documented.

The MPS legal team was aware that Mrs H’s own legal advisers were still to obtain their report on breach of duty, and considered that issuing them with a quick response that was supportive of Dr T would dissuade them from pursuing the matter. MPS served its expert evidence along with the letter of response a short time after the letter of claim was received.

Mrs H withdrew her allegations and the claim was discontinued.

Learning points
- Good record-keeping is essential for continuity of care – therefore, the medical records you keep should provide a window on the clinical judgment being exercised at the time.
- When inserting a cannula, consider using the patient’s non-dominant hand if possible.
- It is helpful to write a report soon after an adverse event, because of the lengthy time that can sometimes pass before a related complaint or claim arises.
- This case is a reminder that not every adverse outcome is negligent. MPS’s robust approach meant the case was dropped and the allegation withdrawn very quickly.
Mr O was a 24-year-old man who had just enjoyed a holiday overseas. On the return journey he started vomiting. The nausea and vomiting continued after he arrived home and he began to lose weight because of it. When his symptoms did not abate he made an appointment with his GP.

His GP documented a four-week history of nausea and vomiting and, after reviewing normal blood tests, referred him to gastroenterology. The gastroenterologist wrote back concluding that he had found no significant pathology on endoscopy or ultrasound, and that he thought that anxiety was contributing to his ongoing symptoms. Irritable bowel syndrome was also considered to be a factor.

Mr O asked his GP for a private referral to neurology, which he agreed to. The neurologist arranged an MRI scan, which was normal, and felt that Mr O was suffering from a significant depressive illness from which he had partly recovered. Mr O did not agree with this diagnosis and felt that his symptoms had a physical rather than a psychological cause. He did, however, agree to see a psychiatrist, who concurred that his symptoms were due to anxiety and depression. He prescribed venlafaxine and arranged CBT.

Mr O was struggling with fatigue in addition to the nausea and was not coping at work, so he visited his GP again. His GP referred him to a specialist in chronic fatigue who wondered if he may be suffering with post-viral fatigue syndrome.

Mr O was convinced that there was a physical cause for his symptoms and demanded a second neurological opinion. This was sought but nothing abnormal was found on examination, repeat MRI or lumbar puncture. He had mentioned some dizziness and had an audiometric assessment showing abnormal canal paresis to the right. The neurologist concluded in a letter to the GP that “the only abnormality found in spite of extensive investigations was a mild peripheral vestibular disorder”. The letter detailed that he had been seen by a physiotherapist who had instructed him in Cawthorne-Cooksey exercises and that he had been asked to continue these at home.

Despite doing the vestibular rehabilitation exercises at home, Mr O failed to improve. He still felt weak and light-headed and had moved back in with his parents who were worried about him. They made him another appointment with his GP who referred him for an ENT opinion. The ENT consultant took a detailed history and noted the absence of tinnitus, vertigo or deafness. She could not find anything abnormal on examination and thought that a labyrinthine
problem was unlikely to be the problem. She repeated the balance tests, which were normal.

Years went by and Mr O became very focused on his symptoms, feeling sure that a diagnosis had been missed. Opinions were sought from an endocrinologist, a professor in tropical diseases and a private GP. Nothing abnormal could be found and no firm diagnosis was made. A neurootologist thought that his symptoms were due to a combination of “anxiety with an associated breathing pattern disorder, a migraine variant and physical de-conditioning”. A joint neurootology/psychiatry clinic concluded that it was “a confusing story with nebulous symptoms but it was probably a variant of fatigue disorder with a depressive element and derealisation”.

Mr O was very frustrated at the lack of diagnosis or improvement in his symptoms. He felt that the sole cause of his symptoms was a peripheral vestibular disorder. He made a claim against his GP, alleging that he had failed to make the diagnosis and that he had also failed to arrange vestibular rehabilitation.

MPS instructed expert opinion from a GP and a professor in audiovestibular medicine. The experts felt that Mr O’s GP had not been at fault. The professor in audiovestibular medicine was sceptical regarding the diagnosis of a vestibular disorder. He noted that repeat audiograms and tympanograms had been normal and felt there was no robust evidence that he had a peripheral vestibular disorder. He stated that there was no clinical history suggestive of vestibular pathology at the onset of Mr O’s illness. He also commented that there had been no consensus amongst various specialists as to the true cause of Mr O’s symptoms and that to claim that a peripheral vestibular disorder was the sole cause was an overly simplistic view.

The GP expert noted that the neurologist’s letter to the GP referred to Mr O having been instructed by the physiotherapists in Cawthorne-Cooksey exercises. These are vestibular rehabilitation exercises so it was wrong to say that there had been a failure to arrange the exercises or that this was the responsibility of the GP. The expert explained that GPs are not trained to instruct a patient in vestibular rehabilitation exercises and are not likely to have direct access to specialist physiotherapists who could arrange these. The expert noted that a large number of specialists saw Mr O over a prolonged period, all of whom failed to reach a consensus on the cause of his symptoms. The expert’s view was that the treatment provided was reasonable and that the standard that the claimant sought to apply was too high.

Mr O withdrew his claim before it went to court.

Learning points

- The defence of this claim was helped by the contents of the correspondence to and from specialists, which were relied upon to disprove some of the allegations made. It is important to take the time to write comprehensive referral letters and to read letters from specialists carefully. Correspondence is an important part of the medical record, as well as being important communication between clinicians.
- Mr O clearly had a very difficult time. There had been a protracted period of time with no clear diagnosis. However, in the circumstances of this case, this did not equate to negligence.
- This case highlights the standard doctors must meet in order to refute negligence claims – that of a responsible body of their peers (GPs in this case), rather than a specialist in the condition in question.
Wrong drug, no negligence

I enjoyed reading your article “Wrong drug, no negligence” in the May 2014 edition of Casebook. As a trainee anaesthetist I can remember making exactly the same mistake during my first month of training, ie, administering a full dose of co-amoxiclav to a patient with penicillin allergy whilst under anaesthesia. Fortunately the patient suffered no ill-effects whatsoever, and postoperatively she admitted she was sceptical about whether she had a true allergy or not, and was glad that we had inadvertently found out.

Drug administration errors in anaesthesia are common, with some studies suggesting one error in every 133 anaesthetics.1 In your article you state the anaesthetist may have been distracted by the use of the total intravenous anaesthesia technique. This is probably not the only factor, as observational studies have shown that on average an anaesthetist is distracted once every four to five minutes during a routine list.2

Thus the propensity for making errors is huge and it would seem only a matter of time before an error leads to a catastrophe that makes headline news. On wards and on intensive care units, nurses have long ago moved to using a two-person check system prior to the administration of harmful medication. Since anaesthetists have access to some of the most dangerous medications in the whole hospital, how vulnerable are we to litigation claims, given that we still use a single-person check? Should we be pushing to implement a two-person check as well, to protect both us and our patients?

Dr Nikhail Murti Balani
ST4 Anaesthesia and Intensive Care Medicine
Guy’s and St Thomas’ NHS Trust, London

Response

Thank-you for your letter about this case, and for sharing your own experiences. Your suggestion about the introduction of two-person checking certainly seems to make sense, and steps that may reduce avoidable errors should be encouraged.

Perhaps a discussion with your trust is worthwhile, to consider introducing or trialling such measures.

Photo criticism

I just wanted to let you know that I find Casebook really helpful, well-presented and useful (if a little frightening at times!) I also wanted to make a small criticism about some of the photos that let down the otherwise professional approach.

I am a bit behind on reading them but a case in point was the Jan 2014 edition (volume 22), page 14, which showed an otoscope being held completely wrongly, in the wrong hand and without an earpiece. I suspect

Manslaughter

I enjoy Casebook, which reminds us that there are always new errors, and that old errors are easily repeated.

You kindly refer on page 11 (“Medicine and manslaughter”, Casebook UK only) to the review that Sarah McDowell and I wrote of medical manslaughter between 1795 and 2005. But you then state that “other widely-reported cases include” and cite Mulhem (2003) and Walker (2004). This might unintentionally suggest that we omitted these from our review. They are, respectively, cases 7 and 14.

Incidentally, the trend towards long prison sentences for surgeons started with R v Garg, which seems to have attracted little attention, and the verdict in the Sellu case was reached in spite of the fact that the judge was reported to have said that the patient might have died even if he had received the proper treatment promptly.

Professor Robin Ferner, Consultant Physician and Clinical Pharmacologist, West Midlands Centre for Adverse Drug Reactions, City Hospital, Birmingham, UK

Response

Thank-you for your letter about the case report “Wrong drug, no negligence” in the last issue of Casebook.

The terminology used in the case may have inadvertently led to some confusion. From a legal perspective, in order for a case to be established in negligence, the claimant has to establish certain key elements: that the defendant owed the claimant a duty of care, that there was a breach of that duty of care, and that the breach of duty was the cause of the loss or harm complained of.
any lay person would not notice but it would be worthwhile getting a doctor to check the photos before publication to avoid similar errors, which look terrible to doctors.

I hope you understand that I am making the point to improve the journal rather than be overly critical.

Dr Samantha Dunnet
GP, UK

Response
Thank-you for your letter about the photograph on page 14 of the January 2014 edition of Casebook.

The pictures used in Casebook are not accurate representations of clinical situations, but rather to illustrate the general theme of the case report or article. We do have a notice to this effect at the foot of the Casebook contents page, although the font is rather small and might benefit from being a little more prominent.

The content of each issue of Casebook is reviewed in its final form in our layout board meetings, and these always include a number of doctors from a variety of clinical backgrounds. Whilst no comment was passed about the use of the picture in question, your comments will be a timely reminder for the board members.

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The accused

I was shocked by the account of a patient making a spurious claim against the GP in your recent edition of Casebook.

The story left me feeling quite angry at the fact that the patient in the matter was able to simply shrug off an apparent malicious claim against the GP without any consequence. I can completely understand the professional reluctance to do so, but would there be an argument in this case to pursue a civil claim of libel, given the significant impact this claim has had on the doctor both professionally, emotionally and undoubtedly financially?

Dr T Broughton
Consultant Forensic Psychiatrist
Norfolk, UK

Response

Whilst it might seem an attractive proposition to contemplate some form of legal redress in these circumstances, there are a number of significant practical issues to consider.

Firstly, MPS experience is that nearly all complaints of this type are made by genuine complainants who have misunderstood or misinterpreted a clinically appropriate examination carried out in a reasonable and responsible manner.

The second point to consider is that as a matter of public policy, most legal systems provide some form of protection against allegations of defamation for complainants who take their concerns through appropriate channels. This is because otherwise there would be a very chilling effect on the ability of members of the public to raise concerns, particularly where a defendant may be able to access much greater resources than the complainant.

Additionally, in criminal cases, the decision to prosecute rests with the prosecuting authority rather than the complainant. In England and Wales, for example, this rests with the Crown Prosecution Service, who will weigh up the issues before deciding to proceed with a case. This includes assessing whether there is sufficient evidence, whether the evidence is reliable and credible, and whether a prosecution is in the public interest.

Finally, even if there were no other hurdles, and it was possible to consider an action in an individual case, it would be an unattractive case, which would be liable to attract adverse publicity, and in the event of success, given the financial position of most complainants, a doctor (or their MOO had they agreed to undertake the matter) would be unlikely to recover their costs, let alone any damages actually awarded.

Realistically speaking therefore, it is unlikely that we will see cases of this sort being brought.

The accused

The excellent article “The Accused” (Casebook 22(2), May 2014) leaves an obvious question, which would be valuable to consider...

What is MPS’s advice for the doctor when the patient declines the chaperone? Is the doctor at risk if they refuse to proceed with an examination without a chaperone? What should they do, in that event?

Other readers may also wish to know your response – it seems important.

Dr Mark Davis
New Zealand

Response

Thank-you for your letter, which raises a very important issue.

Generally speaking, if a chaperone is declined by the patient, and you don’t want to go ahead without one, you should clearly explain why you would like one to be present. You could also consider referring the patient to a colleague who would be willing to examine without a chaperone. However, the patient’s clinical needs must come first, and any such arrangements should not result in delays that affect the patient’s health.

The discussion about chaperones, together with the outcome, should be recorded in the medical record. If a chaperone is present, record that fact, and their identity. If the patient refuses a chaperone, make a note that the offer was made and declined.

There are often local guidelines or protocols that cover this issue, and members should make sure they are aware of these and follow them.

Readers in New Zealand can access the MPS factsheet on chaperones at the MPS website: www.medicalprotection.org/ newzealand/factsheets/chaperones
Do No Harm: Stories of Life, Death and Brain Surgery
Henry Marsh, Reviewed by Dr John Gilbey, Core Trainee – Anaesthetics, North Western Deanery, UK

Do No Harm: Stories of Life, Death and Brain Surgery is the memoir of Henry Marsh, a senior consultant neurosurgeon who has previously had his work featured in two television documentaries. In this book he reflects on the events and experiences that have shaped his professional life.

The sentiment of a quote by René Lacéhe at the start, “Every surgeon carries within himself a small cemetery, where from time to time he goes to pray – a place of bitterness and regret, where he must look for an explanation for his failures”, resonates loudly throughout the book. Difficult decision-making and dealing with mistakes are themes that repeatedly arise. Other topics are also covered including modern medical training, the reality of consent, being ill as a doctor, the modern health service and the meaning of success.

Each chapter presents either clinical cases or other events from Marsh’s life. These are then interspersed with his thoughts on the events. He does mention some success through the book and describes achieving most “when our patients recover completely and forget us completely”. Difficult decision-making and dealing with mistakes is most explicitly demonstrated when recalling a visit to a Catholic nursing home where he finds patients he had previously forgotten and at least one who “I had wrecked”.

The book is written in a way to inform the lay reader of the deepest thoughts of a neurosurgeon. Medical terminology is used throughout, with meanings clearly explained. This is not to say that it does not appeal to a medical audience as simultaneously. The writing style is matter-of-fact without being dry. His stories are moving and in places brutally honest.

Do No Harm certainly gives an insight into the reality of life as a neurosurgeon in a modern hospital. For patients, it provides an insight into the fallibilities and difficulties of being a doctor. For students, it is a must-read if you are considering a career in neurosurgery. For doctors, it is a fantastic example of reflection.

Forks in the Road: A Life In and Out of the NHS
Leslie Turnberg, Reviewed by Dr Behrad Baharlo (Specialty trainee, anaesthetics, Imperial School of Anaesthesia)

Charting the life and times of Lord Leslie Turnberg of Cheadle, this candid and eloquently written autobiography gives the reader insight into some of the most defining events affecting not only the medical profession, but also healthcare in the United Kingdom over the last 40 years. To say that the author bore witness to such events would be underestimating the active role he clearly executed not only in postgraduate training but also healthcare policy.

Detailing his life from humble beginnings in Lancashire, the former President of the Royal College of Physicians and of MPS takes the reader through his childhood and formative years with humility, which is a consistent theme throughout the book. He charts his many achievements from qualification then into academia, medical politics, the presidency of the RCP and culminating in his nomination as a peer of the realm.

Notably describing his role in the advent of the university department at Salford Hospital “from scratch!” along with its initial shortcomings, as well as comments regarding research (and how not to do it) and the changes in postgraduate medical training of the 1990s, the reader is given a front seat with this account of aspects of the profession that can often seem peculiar if not mysterious. Discussion is made of contemporary issues affecting NHS politics especially pertinent to the New Labour years, and the author is not afraid of casting an opinion or giving fair reflection with the benefit of hindsight.

I found the descriptions around medical training (the eventual establishment of the Academy of Medical Royal Colleges and Postgraduate Medical Education and Training Board) and issues surrounding reform of the NHS of particular interest and found food for thought in aspects concerning financing and NHS interaction with politics and politicians. I couldn’t help feeling that a number of these issues described, including attempts at reform, would have been equally valid when the author commenced his career in the NHS. On matters of NHS reform, financing and political pressures the author clearly had a privileged insight, especially during the term of the Labour government. I would commend the author’s views to anyone interested in such matters. Reflecting his privileged title, the author visits a number of topics of interest that he has spoken about at the House of Lords, and unashamedly bestows opinions ranging from assisted suicide to anonymity in sperm donation. The importance of the author’s Jewish faith is identifiable and his subsequent interest in Middle Eastern politics results in an attempt at summarising and digesting this complex and otherwise problematic issue with numerous good opinions.

The book concludes with a moving tribute to Daniel, the author’s late son, the impact of his passing being vividly and eloquently described, leaving the reader sharing a sense of melancholy if not shedding tears in sympathy with the author’s tragedy.
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