Mentorship for newly appointed consultants: what makes it work?

Reema Harrison, John Anderson, Pierre-Antoine Laloë, Marta Santillo, Rebecca Lawton, John Wright

ABSTRACT
Background Mentorship has been identified as a beneficial practice for doctors and may be particularly valuable for newly appointed consultants. It is associated with a number of potential clinical and non-clinical gains, such as enhanced job satisfaction and well-being. Despite strong support, many formalised schemes fail to launch or gain momentum. Research to date has largely focused on the gains associated with mentorship but has lacked study of the factors that facilitate uptake and maintenance of mentoring relationships by physicians.

Objectives To explore perceptions of mentorship, the extent to which UK doctors appear to value mentorship and factors that may contribute to its successful use.

Design Qualitative, descriptive, multi-centre study.

Sample 30 doctors including registrars, those newly appointed to consultant grade, senior doctors and medical leaders from nine hospitals in the north of England.

Method Semistructured individual interviews were undertaken between August and December 2013.

Results Findings revealed a demand for mentorship for new consultants, with widely recognised benefits associated with its use. Several factors were identified as critical to successful mentorship relationships, including consistent understanding and expectations of mentorship between mentee and mentor, positive prior experiences, a suitable match between mentee and mentor, making time for people to act as mentors and the ensuring that mentors can meet a diverse and changing set of needs.

Conclusions Mentorship for newly appointed consultants is valued, but current models of mentorship may suffer from rigid structures, mismatched expectations of participants and the absence of a culture of mentorship among peers and within working groups. A consultant is a senior hospital-based physician or surgeon who has completed all specialist training.

INTRODUCTION
Mentorship occurs in different forms including among peers and within working groups, but is more commonly thought of as a one-to-one relationship. It is conceptualised in various ways depending on its context, content and purpose. Mentors in any capacity can generally provide psychosocial support functions (eg, counselling and role modelling) and career support functions (eg, sponsorship and coaching) to a less experienced person. The principle of mentoring as a learning relationship has led to its use in undergraduate and postgraduate medical education. Mentoring is championed due to the medical ethos of sharing information, experience and wisdom. In medicine, mentorship is often defined as:

The process whereby an experienced, highly regarded, empathic person (the mentor), guides another individual (the mentee) in the development and re-examination of their own ideas, learning, and personal and professional development.

Mentorship has been identified as beneficial for doctors internationally and across specialities. Literature reviews suggest mentoring can enhance technical and non-technical skills, which may lead to improvements in care quality and patient safety. Having a mentor may encourage openness about mistakes and provide new consultants with support to avoid or report threats to patient safety. Mentees also report improved confidence, job satisfaction, working relationships, problem solving abilities, sense of collegiality and support in making career decisions. Gains in well-being are consistently cited, including reduced job stress, burnout and absenteeism. Mentors (who are often the most experienced and knowledgeable team members) may benefit from improved job satisfaction, organisational commitment, job performance, career success and reduced turnover intent. Mentorship may therefore contribute to creating doctors who deliver better quality and safer care.

Mentorship may be particularly valuable for doctors newly appointed to consultant grade. Recent work indicates that, in a position of newfound responsibility, newly appointed consultants may be exposed to greater job stress due to perceived deficiencies in leadership and organisational skills. The stresses associated with being a newly appointed consultant may make this group more prone to error. In the EU, the European Working Time Directive (EWTD) was fully implemented for consultants in training in August 2009. The EWTD limits workers to a maximum 48-h week, averaged over a 6-month period and identifies minimum requirements in relation to working hours, rest periods and annual leave. Concerns have been raised that shorter working hours as a result of the EWTD may threaten patient safety. Doctors who are newly appointed to consultant grade have...
reported increased fatigue, a higher number of serious medical errors and lapses in attention following the introduction of the EWTD. Mentorship may provide the support and guidance needed for newly appointed consultants to address these challenges.

Despite strong support for the concept of mentorship, many medical mentorship schemes historically (and currently) fail in implementation, lack visibility, or struggle to gain and maintain momentum. Mentorship schemes are resource intensive and require significant financial and personnel investment. As such, a lack of uptake or maintenance of mentoring relationships may come at great cost to healthcare organisations. This has been identified as a barrier to widespread adoption of schemes by healthcare organisations.

**Conceptual framework**

There are many models of mentorship, supported by different frameworks and theoretical positions. In this study, we have used Garvey’s conceptual framework of the dimensions by which mentorship may operate. This framework was selected as a useful standpoint for addressing the research objectives as it facilitated exploration of different types of mentorship relationships that may be successful or desirable for our population. Five fundamental dimensions of mentoring relationships are identified: the scope of the conversation (open/closed), who knows about the relationship and what is talked about within it (private/public), how formal and structured the conversations are (formal/informal), who takes action in the relationship (active/passive) and the predictability and reliability of the behaviours of those involved (stable/unstable). Using these dimensions, the framework is identified as valuable for exploring the operation and conduct of mentorship schemes. It was also developed and used in a National Health Service (NHS) context.

**Present study**

While mentorship for newly appointed consultants may be beneficial for consultants’ well-being and care quality and patient safety, few studies describe the conditions that facilitate effective and sustained engagement with mentorship for this group. Exploring our data against Garvey’s framework, we aimed to understand the expectations and needs of advanced trainees, new consultant mentees and potential mentors (senior doctors). Recognising the unique and changing demands of participants may lead to more sustained mentoring relationships for doctors and address some of the challenges of mentoring in this context. The research objectives were:

- To explore the extent to which UK doctors appear to value mentorship.
- To capture doctors’ perceptions and expectations of mentoring (including the privacy, formality and the actions of participants).
- To identify factors that may influence doctors’ decision to engage in mentorship and sustain mentorship relationships.

**METHODS**

**Setting**

The Yorkshire and Humber region in the north of England has a population of five million people and comprises 14 acute care hospitals, in addition to other community, mental health, ambulance and primary care services.

**Design**

A qualitative, descriptive, multi-centred interview study was conducted between August and December 2013. The sample was purposively selected to capture views of doctors who were (a) senior medical leaders or senior doctors in their department (who would be in a position to mentor new staff) and (b) new consultant appointees or registrars in nine acute hospitals. This approach was selected to provide a comprehensive account of mentorship (or its absence) for new consultant appointees as experienced and/or perceived by the participants in this sample.

**Recruitment**

Invitations though email were sent to chief executives of all acute hospitals (n=14) in the Yorkshire and Humber region, inviting participation. Nine hospitals agreed to participate. A further email invitation was sent out by the chief executives’ offices to eligible doctors in their hospitals. Potential participants contacted the research team directly and were stratified by gender and hospital to ensure a representative sample. Only a small number of registrars were recruited because the focus of this work was on perceptions and experiences of newly appointed consultants rather than those still in training. However, we felt it valuable to capture the perspectives of a limited number of registrars who were preparing to apply for consultant posts. Data collection and analysis were an iterative process that enabled the research team to recruit until data saturation.

**Procedures**

Semistructured interviews allowed indepth data to be gathered with the flexibility to pursue interesting lines of enquiry. Face to face or telephone audio-taped interviews lasted between 30 and 50 min. The interview schedule included four core topics exploring: (1) the perceived value of mentorship (eg, ‘What impact do you think having a mentor might have on you, your work or how you work within your team and the organisation?’), (2) interpretations and expectations of mentorship (eg, ‘What kinds of things would you expect from a mentorship relationship?’), (3) the factors that appeared to influence beliefs about mentorship (eg, ‘What would be your main concerns about having/being a mentor as-for a newly appointed consultant (probe—why) ?’) and (4) factors that appeared to influence the way that mentorship occurs (eg, ‘How would you like a mentorship scheme to operate—what would be important for you?’). The schedule was reviewed and refined following pilot work with senior doctors and a pilot interview with a new consultant doctor. Participants were asked if they were aware of a mentorship scheme in their hospital and, if so, if they had been involved in this; one of two avenues of questioning then followed depending on the response. Where a mentorship scheme was operational within a hospital, participants were asked about purpose, content and delivery and about positive or negative experiences of it. Where no scheme was in place, participants were asked about the desire and perceptions of mentorship and factors that would influence their engagement in mentorship.

**Ethical approval**

As a needs assessment with NHS staff, NHS ethics approval was not required for the undertaking of this work. The work was conducted in accordance with ethical guidelines for educational research.
and is useful for obtaining detailed insights into complex issues.\textsuperscript{38} Transcripts were read by one researcher (RH) who, once familiar with the breadth and depth of content, undertook a focused line by line analysis. Commonly occurring themes that related to the study objectives and broader conceptual framework were identified. Themes were grouped under broader categories that were then labelled with reference to the conceptual framework. A subset of six transcripts was coded separately by additional researchers (PAL, JA) to validate themes and categories identified by RH. Different interpretations were resolved through discussion.

**RESULTS**

The sample comprised of 31 participants including: medical directors (five), deputy medical directors (four), clinical directors (six), recently appointed consultants (13), and registrars (three). Six themes emerged: (i) Mentorship as protective, (ii) Variability in the perceived role and function of mentorship, (iii) Informal and multiple mentors, (iv) The importance of ‘personalities’, (v) Mentoring as part of professional identity and (vi) Permission to mentor.

**Mentorship as protective**

Respondents indicated a need and desire for mentoring new consultant appointees. Of all the purposes of mentoring noted, the most critical for medical leaders was to mitigate patient harm. Mentors who offered guidance and support were recognised as a safety net that might reduce the likelihood of errors, and, furthermore, a vehicle for supporting recently appointed consultants who are involved in an adverse event.

I think mentorship is inevitably linked to quality and safety because people need to have someone to go to, a sounding board, someone to ask when they think they can’t go to anyone or if they have to deal with complaints. (Medical leader 8)

We anticipate that a mentor scheme is a protective scheme for the new consultant and for the patients receiving the treatment. So if you’ve got a healthy engaged consultant…then you’re likely to have a safer doctor. (Medical leader 6)

Registrar and new consultant appointees discussed heightened job stress that resulted from being in a newfound position of responsibility. Mentorship was valued as a strategy to manage the emotional burden of their role.

If you are a new consultant and you’ll be faced with challenges…you’ve not come across before…feel the management, leadership side of things…you’re allegedly where the buck stops…I think a mentor would certainly help. (Registrar 2)

It’s the non-clinical side…managing your time…managing colleagues and tricky situations…that it would be good to…that you usually need advice on. (New consultant 4)

**Variability in the perceived role and function of mentorship**

Respondents typically understood mentorship to mean the provision of support and guidance from a more senior and experienced clinician to a newer consultant. Mentorship was generally conceptualised as a one-way relationship, with the mentee the main beneficiary; respondents rarely considered that mentors could benefit from the relationship.

Having somebody that can offer you guidance and support and look up to, who is further in their career than you are. (New consultant 1)

To be a mentor you probably have to be in post yourself for five years or more to be able to provide appropriate support. (Medical leader 1)

While there was consensus around the broad goal of mentorship, expectations of the mentoring relationship varied. Respondents recognised the lack of consistent understanding of the term among doctors and described confusion around distinguishing mentorship from other relationships such as coaching and peer support.

Well what’s mentoring what’s coaching what’s peer support…what is a mentor? (Medical leader 2)

All new consultants are meant to be appointed a mentor—is it a mentor or a coach actually? (New consultant 2)

Medical leaders generally described mentorship as a forum for non-clinical personal development and for discussing professional issues, such as learning how to manage workload, leadership and managerial roles.

The clinical guidance…was more guidance of how to handle difficult clinical situations which have nothing to do with the clinical management of the patient (Medical leader 3)

It’s sort of the non-clinical side of things I think could be really useful to either have a mentor. (Senior doctor 3)

Surgical senior doctors uniquely perceived mentorship as a resource for guiding clinical skills development and saw mentors as a point of contact to discuss how to approach difficult or new clinical cases; this is understandable as mentorship in surgical disciplines is common.

They may become a new consultant and they may have very little experience of doing a hysterectomy…and actually need a consultant colleague to actually assist them in doing that operation themselves. (Medical leader 2)

Because of the way that the training has been abbreviated and streamlined quite a few of junior consultants…have insecurities about their practice and still would like to have somebody more senior…in a surgical specialty to assist them in theatre. (Medical leader 5)

Registrars and recently appointed consultants described a wide range of beliefs about the purpose of mentorship. Respondents identified support with networking, organisational sign-posting, support with personal and inter-personal relationships (including professional relationships), insight into the personalities and behaviours of existing team members and guidance around clinical skills and knowledge.

Somebody…that can talk to you about how to get through and the people to know… and therefore you can network a little bit more. (New consultant 1)

I don’t think it’s the clinical stuff, it’s more the non-clinical stuff. (New consultant 3)

Critical for the sustainability of the mentoring relationship was the extent to which both shared a common understanding of the goal of mentoring; mismatched expectations were identified as problematic.

A lot of these schemes probably don’t work because people don’t realise what mentorship is… or what their role was supposed to be. (New consultant 4)

You’d need to have a clear description… so what would be the expectations of the mentor…and then in return for that,
what might the mentee be doing for the organisation. (Medical leader 1)

Informal and multiple mentors
Current or past experiences of influential relationships with senior clinicians were often described—akin to the characteristics of mentorship. It became apparent that while mentorship schemes are not common (only two organisations had a scheme), most clinicians could recall exposure to some form of mentoring during their training or practice. Recently appointed consultants reported engaging with a variety of colleagues at the start of their consultant post, often identifying those who could help with personal and broader professional issues and others who could guide them in the development and use of clinical skills and knowledge. Medical leaders also recognised that more than one mentor might contribute to a newly appointed consultant’s development. The opportunity to have multiple mentors, each serving a different purpose, emphasised a wide range of issues confronting recent consultant appointees as well as registrars, who as a group described a diverse and evolving set of mentee needs. These comments reiterated the importance of mentorship being nuanced and flexible.

In my last job…I had about four or five different mentors that probably didn’t even realise they were to me…I chatted to different people about different things in order to get the guidance that I needed. (New consultant 4)

I draw on different people for different bits of information and I think a lot of my colleagues do. (New consultant 5)

I think in an ideal world it would be two mentors, you’d have a clinical mentor and a non-clinical mentor. (Medical leader 6)

Multiple mentors were recognised as valuable, but this was qualified by the insufficient numbers of senior staff available to take on mentoring roles and the difficulty of matching mentee and mentor. In particular, senior consultants who engage in a range of non-clinical activities are likely to be those in high demand from mentees and already overstretched.

…what prevents these things from happening is how you’d find the appropriate people to be the mentors and then how you would resource that…I think the thing that stopped us doing it has been effectively time and cost. (Medical leader 1)

Mentoring as part of a professional identity
Experiences as a trainee and socialisation in the medical profession were important. New consultants in specialties such as anaesthesia and gastroenterology described how experiences during training socialised them into operating via a mentoring model; turning to senior team members for support and guidance became a part of their professional identity.

Anaesthetics is quite a formalised training scheme … throughout that time there’s always been people, I suppose you’d call them mentors or call them role models, who are people who are always accessible for contact. (New consultant 6)

It’s a really tight gastro department…I would consider a lot of what I get is mentorship… everybody seems to have a little to offer. (New consultant 7)

Permission to mentor
The acceptability of mentoring in teams and specialties appeared to be influenced by the structure and culture of the working environment. In some smaller departments, where teams were close-knit, informal mentoring occurred within a supportive team environment. In such cases, mentoring was readily available for recent appointments joining the team.

We’re very lucky with our department…I’ve worked in other departments where it…wouldn’t be thought of as quite so reasonable to go and speak to a colleague and say I’ve got this tricky case, what do you think about that? (New consultant 3)

Because it’s a relatively small unit, it’s quite friendly and I have quite a lot of interaction with one of the other consultants in the same specialty as me so in a way he’s kind of an unofficial mentor, I go and ask him about things. (New consultant 9)

Alternatively, where mentoring did not occur organically, mentorship schemes were imposed using a more formalised structure. A formal approach to mentoring created challenges including ensuring the compatibility of mentee and mentor, assigning a mentor who could meet the mentee’s expectations and having inadequate knowledge of one another before commencing the mentoring relationship.

I don’t [have a mentor] and I should have done….It never quite happened when I started and I was given a name and contact details for someone about six to eight months into the job by which time I was just so busy I never had a chance to follow it up. (New consultant 2)

We had a buddy scheme…they linked you up with a person … who was supposed to help you …it often depended on how well you got on with them. I met up with my buddy twice and then that was the last I saw of them. (New consultant 4)

The need for significant organisational support when establishing a formalised mentorship was recognised, including the need for organisational buy-in to build a culture of mentorship.

The majority of the challenge would be time and cost, how you’d persuade people to effectively give up doing something else to do it. (Medical leader 1)

Who is going to organise it, who’s going to allocate mentors, who’s going to ask for volunteers to be mentors and then teaming people up. There is a big drain on people’s time and lots of demands…. (New consultant 8)

The importance of ‘personalities’
A number of practical issues were reported as influential in respondents’ desire to engage in mentorship. The degree of formality and privacy in the relationship were frequently discussed, but respondents indicated that the personalities of the mentor and mentee and the degree to which each one complimented the other was the most important. Compatibility was described as critical to establishing and maintaining a mentoring relationship. Most respondents identified a need for ‘character’ matching.

For me the most successful mentoring relationships have been the ones where I’ve got on well with that person and I think that’s where it fails, if you don’t. They have to be somebody that’s got an awful lot in common with you. (New consultant 4)

I’ve found that it’s really how you get on with someone in the relationship…and that’s not something you can pick out from a list… nor can that be someone is allocated to you. (Registrar 2)

This need for compatibility raised challenges. The difficulty associated with an allocated mentorship in the context of coupling compatible personalities was widely acknowledged. Respondents commonly suggested that mentees have access to an available cohort or pool from which they could identify a
possible mentor as one way for them to maintain some degree of choice when embarking on the relationship.

...it would be a well-publicised list of people that you could speak to and get in contact with and see how you get on and take it from there. (New consultant 3)

If there were a list of people that were happy to offer advice... and then you could approach somebody yourself. (New consultant 4)

**DISCUSSION**

The benefits of mentoring doctors are widely documented. It is considered a core aspect of continuing professional development, but many schemes lose momentum or fail to begin. Through interviews with UK doctors, we aimed to explore the extent to which our sample values mentorship, capture doctors’ perceptions and expectations of mentoring and identify factors that may influence their decision to engage in and sustain mentorship relationships. A range of factors appeared to be important in determining successful and sustained mentorship. Findings are summarised in relation to the research objectives, with implications for research and practice.

Towards objective one, mentorship was identified as a valuable resource for supporting recently appointed consultants’ clinical and non-clinical skills development, for managing heavy workloads and professional relationships. If effectively implemented by healthcare organisations, mentors may provide guidance and support for new consultants that enhance patient safety. With regard to objective two, expectations of the formality, privacy and scope of mentorship varied within our sample. Potential mentees indicated preference for less formality, more privacy and a broader scope. Agreeing the terms of the mentorship along these dimensions at the outset may be critical to a successful and sustainable relationship.

Towards objective three, past experiences of mentoring, professional socialisation, the opportunity to engage with multiple mentors and positive appraisals of mentorship were influential in doctors’ decision to engage in and sustain mentorship. Suitability of the match between mentee and mentor, the acceptability of mentorship in the working environment and the career stage at which mentoring began were also important for both parties, reflecting the broader literature.

**Implications**

Our findings are important in the context of existing work that has explored the value of mentorship during clinical training and for enhancing patient safety. However, as illuminated in the context of clinical supervision, these gains are reliant on senior clinicians having the necessary patient safety knowledge themselves. Difficulty distinguishing mentoring from other developmental activities (eg, supervision and coaching) was evident, echoing existing literature. Mentorship and supervision were often used interchangeably by participants. Challenges of conflicting expectations of mentorship may be minimised by a clearer understanding of the distinction between the role of a clinical supervisor to guide, assess and enhance clinical practice and the role of a mentor which may be much broader and not tied to clinical assessment.

In the context of Garvey’s model, our findings contribute knowledge of the factors that may lead to successful and sustained mentoring relationships for newly appointed consultants. This knowledge is critical to inform programmes that use mentoring as part of continuing professional development. Compatible expectations regarding formality, scope and privacy of mentorship are essential and may be best achieved where there is an opportunity to create a unique mentorship relationship that fits the needs of both parties. New appointees and registrars indicated a preference for not just one mentor but several mentors to meet their diverse range of needs. Medical leaders often use allocation to ensure even distribution of workload among senior staff, but the allocation may create challenges for finding compatible mentors and mentees. Allocating a mentor and mentee may limit the extent to which the formality, scope and privacy of the relationship can be mutually agreed to suit the participants, resulting in incompatible and unsustainable relationships. Such an approach may limit the uptake and sustenance of mentoring relationships and must be adopted with care.

Garvey identifies mentees’ needs and expectations as broad and varied; it would be difficult for a single mentor to meet this range of needs alone. Loosely formalised relationships with supportive senior staff during education and early career (in the context of a supportive team environment) may contribute to an evolved culture of mentorship among new consultants. A mentorship culture is likely to develop when senior colleagues and peers informally create a culture of collegiality, in which informal advice and support can be sought. This social network approach to mentoring may more adequately meet each new appointee’s unique and changing set of needs and at the same time distributes the mentoring workload evenly among staff. Peer support has also been identified as an acceptable and useful strategy and a valuable component of a supportive infrastructure.

Informal mentoring requires an organisation that encourages and permits time to be spent on mentorship activities but requires no formal funding and or job-plan incorporation. The extent to which informal approaches to mentoring are currently used is difficult to quantify, but an organisational culture in which mentorship is permitted (by allowing staff sufficient time and resource) and is the norm may enable this approach to be widely adopted. One mechanism for achieving this in the NHS may be through building mentoring in as an expectation for annual appraisal. This field of study may benefit from further work that focuses on the circumstances and organisational environment which give rise to mentoring that arises organically (and operates informally). Future work may also draw comparisons between practitioners’ perceptions that have or have not experienced mentorship to determine the impact of being mentored on beliefs and expectations.

**Limitations**

The interviews were undertaken in the NHS in one region of England, limiting the extent that our findings can be generalised. Many respondents were recently appointed or senior staff, which may have inhibited or modified responses. Some hospitals in the study region had existing schemes, which may have distorted perceptions of their value in either a positive or negative way depending on experiences. Interviews were conducted by three of the authors (RH, PAL, JA); one was a university researcher with a background in Psychology and two were registrars undertaking a year out of their clinical roles to train in quality and patient safety research at a health research institute. Participants’ contributions may have been shaped by their perceptions of the interviewers. Participants may have been more or less open and frank depending on their perceptions of the interviewers’ roles and their relationship to the health service. There was potential for the researchers to also shape the data by...
their own beliefs and views on the topic. We minimised the potential for researcher bias by ensuring researchers did not contribute their thoughts or beliefs before, during or after data collection. Participants were fully informed that the researchers were independent from their health service roles in this study, of their anonymity as participants and that the study was not being undertaken for a particular NHS organisation.

CONCLUSIONS

Mentoring for new consultants is valued, yet many current models suffer from rigid structures, mismatched expectations of participants and the absence of positive mentoring experiences in training. Providing mentees with an opportunity to engage with a range of mentors in supportive work environments may be the best springboard for establishing and sustaining mentoring relationships for new consultants as part of continuing professional development.

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