Development of ownership of patient care during clerkship
Développement du sentiment de responsabilité face aux soins des patients durant l’externat

Andréeanne Leblanc,1 Linda Snell,1,2 Ning-Zi Sun1,2
1Department of Medicine, McGill University, Quebec, Canada; 2McGill Institute of Health Sciences Education, Quebec, Canada

Correspondence to: Ning-Zi Sun; email: ningzi.sun@mcgill.ca
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Abstract

Background: Ownership of patient care is a concept that embodies a number of professionalism attributes and involves a feeling of strong commitment and responsibility towards patient care. Little is known about how the embodiment of this concept develops in the earliest stages of clinical training. The goal of this qualitative study is to explore the development of ownership of patient care in clerkship.

Methods: Using qualitative descriptive methodology, we conducted twelve one-on-one in-depth semi-structured interviews with final-year medical students at one university. Each participant was asked to describe their understanding and beliefs with regards to ownership of patient care and discuss how they acquired these mental models during clerkship, with emphasis on enabling factors. Data were inductively analyzed using qualitative descriptive methodology and with professional identity formation as the sensitizing theoretical framework.

Results: Ownership of patient care develops in students through a process of professional socialization that includes enabling factors such as role modelling, student self-assessment, learning environment, healthcare and curriculum structures, attitudes of and treatment by others, and growing competence. The resulting ownership of patient care is manifested as understanding patients’ needs and values, engaging patients in their care, and maintaining a strong sense of accountability for patients’ outcome.

Conclusion: An understanding of how ownership of patient care develops in early medical training and the associated enabling factors can inform strategies aimed at optimizing this process, such as designing curricula with more opportunities for longitudinal patient contact and fostering a supportive learning environment with positive role modelling, clear attribution of responsibilities, and purposefully granted autonomy.

Résumé

Contexte/objectif : Le sentiment de responsabilité face aux soins des patients est un concept qui englobe un certain nombre d’attributs liés au professionnalisme et suppose un fort sentiment d’engagement et de devoir quant aux soins aux patients. On sait peu de choses sur la concrétisation de ce concept dans les premières étapes de la formation clinique. Cette étude qualitative vise à explorer le développement du sentiment de responsabilité face aux soins des patients durant l’externat.

Méthodes : À l’aide d’une méthodologie qualitative descriptive, nous avons mené douze entretiens individuels approfondis semi-structurés avec des étudiants en dernière année de médecine d’une université. Nous avons demandé aux participants de décrire leur compréhension et leurs croyances concernant le sentiment de responsabilité face aux soins des patients et d’expliquer la façon dont ces modèles mentaux leur ont été transmis pendant l’externat, avec une emphase sur les facteurs facilitateurs. Les données ont été analysées de manière inductive à l’aide d’une méthodologie descriptive qualitative prenant la formation de l’identité professionnelle comme cadre théorique sensibilisateur.

Résultats : Le sentiment de responsabilité face aux soins des patients se développe chez les étudiants par le biais d’un processus de socialisation professionnelle qui comprend des facteurs facilitateurs comme les modèles de rôles, l’auto-évaluation chez l’étudiant, l’environnement d’apprentissage, les structures des soins de santé et du cursus, les attitudes et les interactions avec les autres, et le développement de la compétence. Le sentiment de responsabilité face aux soins des patients qui en résulte se manifeste par une compréhension des besoins des patients et d’utilisation des patients, par l’engagement du patient dans leurs soins et par le maintien d’un fort sentiment d’imputabilité par rapport à leurs résultats de santé (« outcomes »).

Conclusion : Il est utile de comprendre le processus par lequel se développe le sentiment de responsabilité face aux soins des patients au début de la formation médicale et les facteurs qui facilitent cette appropriation pour élaborer des stratégies visant à l’optimiser. À titre d’exemple, on peut envisager la conception de cursus qui offrent plus d’occasions de contacts longitudinaux avec les patients et un environnement d’apprentissage favorable avec la présence d’un modèle de rôle positif, l’attribution de responsabilités clairement définies et l’octroi volontaire d’une autonomie grandissante aux externes.
Introduction
Ownership of patient care, historically referred to as ‘patient ownership’ in the medical education literature, has been described as the conviction that ‘one knows everything about one’s patients and does everything for them.’ Although this description may seem to de-emphasize patient autonomy and agency, the concept has been shown, in different studies, to encompass patient-centered notions such as commitment and advocacy within the context of residency training across different medical specialties. It has also been described as a cornerstone of safe and responsible patient care, and being essential for professional identity formation. Professional identity formation (PIF) is a process “during which the characteristics, values, and norms of the medical profession are internalized, resulting in an individual thinking, acting, and feeling like a physician.” This transformation in student thinking is mediated by the process of socialization during which individuals with partially formed identities develop both personal and professional identities that are in accordance with the professional community’s values and norms. The relationship between ownership of patient care and PIF has recently been studied in medical students through the use of simulation. The results suggested that ownership of patient care and PIF were interconnected, whereby students taking ownership of the simulated patients also began reflecting on their upcoming role as a physician and the responsibilities it entails (i.e. decision making). Likewise, when the students were put in the simulated role of a physician, they also felt a greater sense of responsibility towards the patient. Ownership of patient care was similarly described as a catalyst in developing a professional identity by Wyatt et al. This would be in alignment with Cruess et al., since the identities of medical students are in a formative state, they may be more susceptible to the influences of their learning environment. Therefore, to understand how ownership of patient care is acquired in early clinical training, we opted to study the factors influencing its development through the theoretical framework of PIF.

Little is known about how the earliest embodiment of ownership of patient care develops in medical students as they become involved in patient care during clerkship. A recent review explored the definition of ‘patient ownership’ and the factors influencing it. In this review, only two papers out of the 82 papers analyzed discussed ‘patient ownership’ from medical students’ perspective.

One of these described third-year medical students’ perception of ‘patient ownership’ as viewing the patient as theirs, feeling responsible for them, and being active participants during the patient encounters and follow-ups. The other paper found that elements of ‘patient ownership’ are observable by others and appreciable by students themselves as early as in the third year of medical school in the context of an internal medicine clerkship. Other scholars have used the concept of psychological ownership as an analytic lens to assess clerkship students’ perception of ‘patient ownership’ and found that this understanding evolved over clerkship, changing from communicating with patients and the medical team to participating in the management of patient care.

However, it remains unclear how students gained their understanding of this concept through socialization during the clerkship experience with different clinical settings and role models. The goal of this qualitative study was therefore to explore students’ understanding of ownership of patient care by the end of clerkship, as well as the factors perceived by them to enable the socialization that resulted in that understanding.

Methods
Study design and setting
This study was conducted using qualitative descriptive methodology. Qualitative descriptive methodology has been identified as an appropriate method for “gaining insights from informants regarding a poorly understood phenomenon.”

Based on guidance from the literature for qualitative interview sampling for informational sufficiency, we conducted 12 one-on-one in-depth semi-structured interviews. All participants were final-year (end-of-clerkship) medical students at McGill University. Each participant had completed at least 17 clerkship rotations of two or four weeks. Through convenience sampling, eligible students were recruited to participate in this study via e-mail invitations sent by AL who was a fellow medical student from the same class as the participants at the time. Authors obtained ethics approval from McGill’s Institutional Review Board and informed consent from the participants.

Interviews were conducted between December 2017 and April 2018 following a semi-structured interview protocol (Appendix A) by AL. Each participant was first asked to describe their understanding and beliefs regarding ‘patient ownership’ from their own perspective.
ownership’ and was then asked to discuss how they developed their current understanding of this concept during clerkship, with emphasis on the factors that influenced this process.

**Data analysis**

The data was deidentified, transcribed and analyzed in an inductive and iterative process. First-order coding was performed on all 12 transcripts by one investigator (AL). Six of these (50%) were independently coded by a second investigator (N-ZS). Results of first-order coding from both investigators were compared and discrepancies were resolved through discussion between the two investigators until consensus was reached. All three investigators participated in generation of the higher order codes and the overall conceptual elements using PIF as a sensitizing framework. Of note, N-ZS and LS are both general internists and clinician-educators who engage in full-time clinical practice and have many years of experience supervising students in various clinical settings.

**Results**

Each interview yielded 45 to 60 minutes of audio-data. Informational sufficiency was reached after seven interviews, but all data was analyzed. We identified 12 enabling factors to the development of ownership of patient care. Given the use of PIF as a sensitizing framework, we grouped these enablers into six categories: role modelling, self-assessment, learning environment, health care and curriculum structures, attitude of / treatment by others, and improved competence. All enabling factors act through professional socialization during clerkship to ultimately shape how end-of-clerkship students think, act, and feel with respect to ownership of patient care. We will describe each of these categories of enabling factors using select quotes from participants. Figure 1 provides a schematic summary of our findings.

**Enabling factors contributing to the development of ownership of patient care through socialization during clerkship**

**Attending staff/resident role modelling:** Role modelling by attending staff and residents was identified by participants as an important enabler. Students underscored how strong role modelling was conducive to developing their sense of ownership of patient care:

> I get that experience seeing someone do it from start to finish that would make me confident to say ok I now know how to do it in a proper way and I can come back and now be an advocate. (3)

> I think the role models [...] influenced me in terms of how to form good patient physician relationships. [...] going in the patient’s room, sitting down, taking the time to explain everything that was going on and address the questions they had. You know drawing diagrams where it was necessary, and not saying “do you have any questions for me?” but what questions do you have? (4)

> [...] seeing preceptors that go out of their way to emphasize things like ask me about [patients’] social history, having internal med doctor specifically make me ask about occupational history [helped to shape my understanding of ownership of patient care] (12)

**Figure 1. Schematic representation of the key enabling factors that act through the students’ professional socialization during clerkship. These factors shape the internalization of ownership of patient care as part of students’ professional identity formation.**
**Self-assessment:** Another enabling factor identified by the students was the positive student’s self-assessment. Observing positive patient outcomes as a result of their ownership of patient care served as validation, as students reflected on their actions, and reinforced their desire to take ownership of patient care:

> You can see the benefit that patients have from the time you spent with them whether it’s […] ensuring they get proper tests done, proper follow-up or proper access to care […]. (S4)

**A constructive/safe learning environment:** Students described how having a constructive and safe learning environment was beneficial to the development of their sense of ownership of patient care.

> The senior […] would always make sure that medical students understood the whole case and why we were doing certain things for patients […] instead of chasing after […] random stuff, you know why you were doing that and because of that you felt like you had a better sense of patient ownership. (S6)

**Healthcare and curriculum structure:** Four enabling factors can be grouped under the category healthcare and curriculum structure (Table 1). A clear attribution of responsibility, such as assigning patients to individual students, helped students to feel more responsible for “their” patients and be more inclined to engage in decision making and advocacy. Of note, this difference in attribution of responsibility was observed more in some disciplines than others:

> In pediatrics and internal medicine where you are given a patient […] it’s pretty much your admission, your patient, your discharge notes, everything for your patient so you do everything for that patient as opposed to surgical specialties where it’s more like everyone does everything and divide and conquer […] (6)

The other enabling factors in this group included: shorter work hours resulting in less fatigue and better engagement in patient care, limited patient load allowing for more time to interact with each patient, and longitudinal patient experiences allowing for more contact with the same patient and getting to know them better (see Table 1).

<table>
<thead>
<tr>
<th>Table 1. Enabling factors under the category of healthcare and curriculum structure</th>
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<tr>
<td><strong>Enabling factors</strong></td>
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<tr>
<td>Attribution of responsibility</td>
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<tr>
<td>Limited work hours</td>
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<tr>
<td>Limited patient load</td>
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<td>Longitudinal patient experiences</td>
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**Attitude of / treatment by others:** Three different enabling factors can be grouped under the category “attitude of / treatment by others,” which can be seen as direct and indirect validation by others. Such validation could take different forms and stem from difference sources, including receiving positive verbal feedback from the patient and their family, being identified by the patient and teammates as the “go-to” person for patient care, and by being granted more autonomy by supervising senior residents and/or attending physician (see Table 2).

**Improved competence:** The remaining two enabling factors can be grouped under the category “improved competence”, which develops through clinical experience. Unlike the other factors, competence is therefore both an enabling factor and an outcome of the socialization process. Students felt that their sense of ownership of patient care was enhanced by both increased medical and practical knowledge. Students made a distinction between “medical knowledge,” which pertains to medical expertise, and “practical knowledge,” which relates to how things run on a given service such as service-specific workflow and paperwork. Growing knowledge in both the medical content and the practical aspects of delivering patient care were felt to lead to improvement in students’ self-confidence and willingness to be proactive, their ability to engage in decision-making and patient advocacy, and their
overall efficiency in providing patient-centered care (see Table 3).

Table 2. Enabling factors under the category of attitude of treatment by others

<table>
<thead>
<tr>
<th>Attitude of / treatment by others</th>
<th>Quotes from students</th>
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<tbody>
<tr>
<td>Positive feedback from patient/family</td>
<td>&quot;I had parents coming back to me and saying ‘wow we really had a nice experience with you’ [...] so I think you feel the ownership when a patient is giving you feedback on your patient ownership.” (S7)</td>
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<tr>
<td>Being viewed by others as the ‘go-to’ person for patient information/care</td>
<td>&quot;This is my patient I know what happened to them [...] and other team members would come to [me] for questions and I think that’s kind of a proof that you own the patient’s case because people actually recognize it.” (S2)</td>
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<tr>
<td>Being granted more autonomy by clinical supervisors</td>
<td>&quot;When you give the students more autonomy, it [...] can create a better sense of patient ownership because [...] you also give them more responsibilities and I think that under the proper supervision, more autonomy does promote patient ownership.” (S6)</td>
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Table 3. Enabling factors under the category of improved competence

<table>
<thead>
<tr>
<th>Improved competence</th>
<th>Quotes from students</th>
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<tbody>
<tr>
<td>Enabling factors</td>
<td>&quot;Medical knowledge [...] plays a part because if you don’t really understand what’s going on then how can you take patient ownership [...]” (S3)</td>
</tr>
<tr>
<td>Growing medical knowledge</td>
<td>&quot;Once you figure out how the rotation works [...] you can then [...] start taking patient ownership better so it’s a bit of a game to try to figure out how each [service] runs first.” (S3)</td>
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Ownership of patient care as part of the end-of- clerkship students’ professional identity: The enabling factors listed above all play an important role in the professional socialization of students during their clerkship experience. This socialization shapes how end-of-clerkship students’ come to think, act, and feel with respect to ownership of patient care. Overall, students described this as a patient-centered concept: five of twelve students spontaneously described it as such. Two students questioned the meaning of the term ‘patient ownership’ and made remarks such as “I don’t want to say it’s owning your patients because you don’t own your patients; it’s more of a collaborative process” (S6). However, when the students who did not spontaneously identify with the term ‘patient ownership’ were given a summary of how it is described in the literature, they felt that this model strongly resonated with their mental model of exemplary patient-physician relationship, which we feel is better captured by the term ‘ownership of patient care’ rather than ‘patient ownership.’

Table 4. How end-of-clerkship students think, act, and feel with respect to ownership of patient care.

<table>
<thead>
<tr>
<th>Elements</th>
<th>Quotes from students</th>
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<tr>
<td>Understanding patients’ individual needs and values</td>
<td>&quot;To me, patient ownership means knowing your patient. [...] not just their presentation or symptoms or medication but also their background and their values [...] to counsel them in a way that aligns with their values.” (S2)</td>
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<tr>
<td>Engaging patients in their own care</td>
<td>&quot;[Patient ownership] is more of a collaborative process that you go through for [...] patient-centered care. [...] We are truly the caregivers for the patients [who are] part of the team” (S6)</td>
</tr>
<tr>
<td>Maintaining a strong sense of accountability for patients’ outcome</td>
<td>&quot;[Patient ownership is] feeling that you’re really taking responsibility for a patient’s care, that you’re the one who knows them and their case the best and you’re arranging their care and the one responsible for making sure they received the best care possible.” (S4)</td>
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When students were asked to further describe ownership of patient care based on their clerkship experience, three elements emerged (Table 4). Students felt that, to have ownership of patient care, one must (1) understand patients’ individual needs and values, (2) engage patients in their own care, and (3) maintain a strong sense of accountability for patients’ outcome.

Discussion

We found that the understanding of ownership of patient care by end-of-clerkship medical students has a strong focus on patient-centered care, including key elements such as understanding patients’ individual needs and values and engaging patients in their own care. This is consistent with how ownership of patient care is predominantly depicted in the medical literature. However, some students in our study found the term ‘patient ownership’ confusing, suggesting a paternalistic relationship of physicians ‘owning’ their patients. Such concern is shared by others who cautioned against the implied notions of power and dominance in the word ‘ownership,’ which go against collaborative care and patient empowerment. Reflecting on this in hindsight, although we used the term ‘patient ownership’ throughout our study, we believe the term ‘ownership of patient care,’ which is also used in the medical education literature, albeit less commonly, is more accurate
and reflective of the essence of the concept. We therefore advocate for its use over the original term ‘patient ownership.’

According to the professional identity formation (PIF) literature, the professional identity of being a physician can be viewed as how an individual thinks, acts, and feels like a physician. Although the concept of ownership of patient care has always been situated within the professionalism discourse in the medical education literature, the link with PIF has never been explored. Our results suggest that taking ownership of patient care can be viewed as a manifestation of professional identity because it involves how one thinks (by attending to patient needs and values), acts (by engaging patients in their own care) and feels (accountable for patient outcomes) towards patient care. Cruess et al. describes PIF of medical trainees as a process of socialization through the clinical learning environment. In their PIF model, the socialization process was affected by many factors such as role models and mentors, self-assessment, the learning environment, the healthcare system, attitude of/treatment by others, and learning through clinical and non-clinical experiences.

Our study identified 12 enabling factors which contribute to the development of ownership of patient care during clerkship, all of which closely relate to the factors that modulate professional socialization as described in the PIF model described by Cruess et al. These factors are also similar to those identified in the residency training literature. This is unsurprising as students and residents often share the same workplace-based learning environment. Having the same factors identified as important to the development of ownership of patient care in both contexts suggest that they are likely high-yield targets for interventions.

Firstly, role modelling emerged as a crucial factor in the development of ownership of patient care in our study. This is consistent with the PIF model where role models and mentors are depicted as crucial contributors to the socialization process. Poor role modelling of values taught in early medical school has been identified as contributing to the difficulty in integrating professionalism into medical school curricula, and should be considered a high-priority target for intervention. Practically, this could be achieved by faculty development activities that sensitize clinical supervisors to the concept of ownership of patient care and associated enabling factors, the importance of strong role-modelling, and how to teach and provide constructive feedback on ownership of patient care. Our second enabling factor, students’ self-assessment (often prompted by observation of patient outcomes), is also supported by the PIF framework, which states that learners become active participants in the their own identity formation through self-reflection. This factor also highlights the importance of role models and mentors, whose guidance can further increase the effectiveness to such reflection. A constructive and safe learning environment is another important enabling factor that contributes to the socialization process of ownership of patient care. This finding is supported by the observation that a safe and welcoming environment encourage students to model appropriate behaviors.

The PIF framework identified the healthcare system as an influencing factor to socialization. Our data showed that specific institution and/or service-related healthcare delivery models are closely intertwined with clerkship curriculum structure and can significantly influence the development of ownership of patient care. Among these, we found attribution of responsibility to be particularly important. Jarvis-Selinger et al. pointed out that “contexts that encouraged students to engage in meaningful relationships and to carry real responsibilities influenced professional identity formation.” Wyatt et al. also found that the use of consistent language and explicit expectations by clerkship directors to engage in ownership of patient care was perceived by clerkship students as supportive to their ability to take ownership of their patients. To enhance attribution of responsibility, those in charge of clinical rotations should encourage the practice of assigning specific patients to individual students. This may require creative adaptation on services that typically function with a team-based patient care, such as surgery in our study. One possible solution would be to assign each student a limited number of patients with particular clinical conditions that are aligned with rotation objectives and have the student be the main person rounding on these patients, assisting in their surgery, and following up on their active issues. This can happen in parallel with the students still participating in a team-based shared patient care for the remaining unassigned patients to maintain the integrity of the clinical service and workflow. The health care and curriculum structure group of enabling factors identified in our study also includes longitudinal experiences. Strategies to achieve this may include implementing longitudinal clinics within a rotation-based curriculum design or creating a clerkship program based entirely on longitudinal patient experiences, such as longitudinal integrated clerkships (LICs), where students
would follow cohorts of patients across different care settings.\textsuperscript{29-31}

Attitude of treatment by others was found to be very important for students’ development of ownership of patient care by providing external validation from different sources (i.e. patients, teammates, and clinical supervisors). This category of factors echoes Cruess et al.’s observation that attitudes and treatments by others, including patients, peers, and health care professionals, all impact professional identity formation.\textsuperscript{21} Autonomy granted by clinical supervisors is one of the three enabling factors within this category that is particularly interesting and amenable to intervention. Jarvis-Selingher et al. affirmed that “individuals felt a stronger sense of being a physician when they had appropriate clinical autonomy and a sense of ownership over patients’ care.”\textsuperscript{32} Similar observations have also been made in the residency training literature where the level of autonomy given to residents was found to influence their perceived control and abilities.\textsuperscript{32} Clinical supervisors can purposefully foster student autonomy by encouraging them to independently complete patient assessments and develop impression and plans fully before providing coaching and guidance. In addition, it may be worthwhile educating and encouraging clinical supervisors to explicitly offer positive reinforcement linking manifestations of good ownership of patient care to positive patient outcomes.

Finally, improved competence through clinical experiences was also found to be crucial to the development of ownership of patient care. A learner’s self-perceived competence is closely related to the cumulative amount of medical and practical knowledge that are gained through their clinical and non-clinical experiences. This sense of competence influences the socialization process by increasing students’ confidence to take on more responsibilities and thereby more ownership of patient care. Having a structured orientation session at the beginning of every clerkship rotation combined with frequent quality feedback on developing clinical and practical knowledge/skills may allow students to more rapidly gain competence and independence, thereby facilitating them taking ownership of patient care sooner.

Our results offer novel insights into the development of ownership of patient care very early on in clinical training and complement the existing literature that is largely in the context of residency training. The fact that many of the enabling factors and proposed areas for interventions identified in our study echo studies in residency education\textsuperscript{4,20,23,29} suggests that concerted efforts by medical schools and residency training programs to foster ownership of patient care will be mutually beneficial. In addition to corroboration by existing literature in residency education, our recommended interventions are also well-supported by the PIF theoretical framework.

**Conclusion**

In conclusion, our study provides an understanding of how ownership of patient care develops in early medical training and the factors that influence its development. By situating the key findings within the theoretical framework of professional identity formation, we outline a number of potential interventions that target the enabling factors to better promote students’ ownership of patient care. These interventions include fostering students’ autonomy, providing a supportive learning environment with positive role modelling, ensuring clear attribution of responsibilities, and designing curricula with more opportunities for longitudinal patient contact.

This study has a number of limitations. Firstly, this was a cross-sectional study exploring end-of-clerkship students’ perceived development of ownership of patient care, and not a longitudinal study examining the actual evolution of students’ ownership of patient care over time. Secondly, this study was conducted in a single institution. However, we feel the detailed description of our study setting and design will help the readers determine the transferability of our findings.

Finally, we would like to explicitly recommend that the medical education community use the term ‘ownership of patient care’ rather than the traditional term ‘patient ownership’ because the latter can be confusing due to its paternalistic connotation while the former is more in line with the essence of the term both from the literature and based on our study results.

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**Funding:** None

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Appendix A. Interview protocol

Questions:
First, I would like to ask you a few questions to get to know you better.

1a. Could you tell me where you did most of your clerkship rotations? *(main purpose is to distinguish those who participated in the Gatineau 'longitudinal' curriculum from those who did most of their clerkship in Montreal)*

1b. In which field of medicine do you want to pursue your career?

Now that you have told me a bit about yourself, let’s discuss the topic of this study.

2. Have you ever heard of the term ‘patient ownership’?
2a. *(If answered yes)* What does it mean to you?
2b. *(If answered no)* What does the term make you think of?

3. For you, what does an exemplary physician-patient relationship looks like?

Now, let me tell you how ‘patient ownership’ has been described in the medical literature. ‘Patient ownership’ has been described as a manifestation of professionalism in physician-patient relationship and involves a strong commitment and a feeling of responsibility towards the patient. It also includes notions such as advocacy, autonomy, communication, compassion, follow-through, knowledge, teamwork, and confidentiality.

4. How do think this definition of ‘patient ownership’ relates to your own definition of the term or your beliefs about physician-patient relationship that you just mentioned?

5. Reflecting on your clerkship experiences and comparing the different clinical rotations you had,
5a. what were the explicit or implicit behavior standards or expectations for expressing / showing ‘patient ownership’?
5b. did you get a sense that these standards or expectations were different from one clinical rotation to another? How did they differ? Why do you think they are different?

6. Thinking about your own understanding of ‘patient ownership’ (or exemplary physician-patient relationship), how has your clerkship experience shaped this understanding?

*(ask the following questions ONLY if time allows)*

7a. Thinking about your clerkship experience and what you’ve talked about up until now, how has the McGill Undergraduate Medicine Curriculum supported you in your own development of ‘patient ownership’?
*(consider asking follow-up questions based on what have been discussed so far or related to any of the following areas of interest: physicianship (Osler fellowship) program, workload policy, semi integration of curriculum).*

7b. If you were in charge and could make change to one aspect of the McGill Undergraduate Medicine Curriculum to enhance medical students’ sense of ‘patient ownership’ as they finish their clerkship, what change would you make and why?

These are all my questions. Is there anything you’d like to add?