Unveiling the Spirituality of Encounter Through Exploration of Meaning in Real Life Patient Interactions Among University Senior Medical Clerks



Mary Anne D. Chiong, MD, MSc,¹ Citadel C. De Castro, MD, MBA,² Reynaldo D. Romero, PhD³

ABSTRACT

Background: The migration from classroom learning to real patient encounters during clinical clerkship is a transformative journey that carries with it many challenges which serve as rich sources of meaning. The actual patient interactions are pivotal opportunities that provide transcendental meanings which contribute to the well-rounded development of medical clerks, ultimately enhancing their ability to deliver better patient care.

Methodology: Utilizing a qualitative phenomenological approach, the study allowed exploration of intricate layers of meaning embedded within the encounters of three female medical clerks in a medical university hospital in Manila, Philippines. The gathered narratives were analyzed and meanings were derived from these statements.

The identified meanings were then organized into themes and essential insights that represented the core essence of the phenomenon being studied.

Results: The reflections extracted from narratives revealed the emergence of 10 significant major themes stemming from medical clerks' patient encounters. These encounters were consistently described as a sacred responsibility, providing opportunities for profound connections, resilience, deepened faith and comprehensive personal and professional development within a caring and compassionate environment.

Conclusion: The transformative journey was marked by profound personal and spiritual growth among medical clerks. Beyond developing their clinical skills, they experienced a transcendence that spoke to human desire for meaning beyond the material world. This "spirituality of encounter" fostered deeper connections with patients and enriched their perspectives on clinical practice that can further enhance their holistic development as medical students.

Keywords: Clerkship, real life patient encounters, meaning, spirituality of encounter, transformative journey

Academic editor: Leilani B. Mercado-Asis Submitted date: December 19, 2024 Accepted date: February 22, 2025

INTRODUCTION

Clinical medical clerkship, simply referred to as "clerkship," is a phase of medical education that

Department of Biochemistry, Molecular Biology and Nutrition, Faculty of Medicine and Surgery, University of Santo Tomas, Manila Philippines

² Clinical Programs Office, Faculty of Medicine and Surgery, University of Santo Tomas, Manila Philippines

The Graduate School, University of Santo Tomas, Manila Philippines

serves as a bridge between theoretical knowledge acquired in earlier years of medical school and practical skills required for medical practice. It provides a comprehensive introduction to diverse aspects of patient care and helps students develop appropriate clinical skills, diagnostic reasoning and patient management abilities as they encounter real patients.

The literature uncovered various specific topics related to real-life patient encounters and medical clerkship. Topics such as religion and spirituality as cultural assets for coping and ethical decision-making,[1,2] the practice of patient-centered care in providing positive changes on the medical clerks' attitudes, knowledge and skills,[3-5] personal reflections on palliative care,[6-8] and developing professional identity,[9,10] emerged as the more frequent subject matters highlighted during patient encounters in clerkship.

However, the diverse exposure to various medical specialties, coupled with the multitude of patient encounters and academic, physical, psychological and emotional challenges inherent in clerkship, serve as rich sources of meaning more than what has previously been studied. Meaning refers to the subjective significance, interpretation, insight or personal understanding that senior medical clerks attribute to their experiences during real-life patient encounters. Thus, this opportunity to study the significance embedded in lived experiences of medical clerks during actual patient interactions may serve as a catalyst for more transformative self-reflections, personal development and a comprehensive understanding of patient care.

Qualitative phenomenological inquiry is a suitable method to uncover the deeper, lived experiences of medical clerks during real-life patient encounters. By understanding subjective interpretations, emotions and transformative elements inherent in these experiences, the essence of what it means to engage with patients in a real-world medical setting can be validated. To direct our investigation, we were guided by the following research questions: 1) How may senior medical students' real patient encounters during their clinical rotations be described and reflectively analyzed? 2) What meanings and insights can be derived from their lived experiences? and 3) What implications and possibilities can be drawn from the study that are relevant to medical students' formation and patients' care vis-à-vis the

role of various stakeholders and programs in the medical curriculum?

The theoretical orientation of this study may be rooted in the philosophical underpinnings of the Theology of Migration. Medical clerkship is depicted as a transformative journey, drawing parallels with migration. A phenomenological understanding within the paradigm of the Theology of Migration was given by Gabriel Marcel, a prominent French philosopher and Christian phenomenologist, who delved into the human condition in his work Homo Viator.[11] Presenting a profound perspective on the nature of man as an eternal traveler, the understanding of human constitution as a migrant provides a unique lens for the journey of medical clerks during their real-life patient encounters.

METHODOLOGY Context of the Study

The Clinical Clerkship program in the medical university where this study was conducted lasts 12 months, involving mandatory and elective rotations at various medical services, including affiliated hospitals. During this period, students enhance their clinical skills, focusing on history-taking, physical examination and data integration for clinical impressions. As active members of medical teams, they participate in diagnosing and managing patients in the hospital and other affiliated institutions. This period is a tough yet rewarding phase of medical school, characterized by physical rigors of careful monitoring, exhausting duty days, lack of sleep, long rounds, frequent hunger, handling numerous admission and discharge papers, and scrubbing in surgical procedures. It also presents with mental challenges that include remembering patient histories and engaging with consultants, as well as emotional difficulties such as dealing with harsh realities of death, loss and unsuccessful treatments.

Given these challenges, this paper explores whether medical clerks find deeper meaning in their experiences during actual patient encounters. This inquiry aims to capture the subtleties of challenges and rewards inherent in patient interactions throughout clerkship, fostering a more empathetic and nuanced viewpoint. Ultimately, the aspiration is to cultivate an environment that not only supports and reflects on the experiences, but also appreciates the profound meaning real patient encounters bring to the forefront.

II. Role of the Researchers

This research study is a collaborative effort between a research methodology professor and a Master's student in Theology, who is also a medical doctor eager to embark on qualitative research methods in medicine. In a mentoring role, the authors worked together to develop research questions, design the study, organize data and make decisions for interpretation and thematic analysis. The professor brings extensive expertise in teaching research methodology, while the student, a medical doctor and professor of medicine, contributes her firsthand experience in exploring the relationship between patient encounters and deeper meaning derived from these interactions.

III. Design and Development of Specific Questions

A qualitative design with a phenomenology approach was used to explore the senior medical students' lived experiences during their patient encounters. Phenomenology is the study of "phenomena": appearances of things, or things as they appear in our experience, or the ways we experience things, thus they are meanings that things have from the subjective or first-person point of view.[12] This design was therefore well-suited to explore the essence of medical students' real-life patient encounters during their clinical rotations.

The questions were developed by the authors. Specifically, the following areas were discussed during the interview: motive/s for pursuing a career in medicine, strategies in preparing for patient encounters and their initial approaches when facing patients, encounters that left a lasting impact or resonated as pathways towards a vocation that connects them to something or someone greater, circumstances that seemed to evoke reflective insights or experiences during their patient interactions, and lessons or insights that they could carry forward into their future medical practice based on their profound experiences.

IV. Setting and Study Participants

This study was done at a local medical university and its sister tertiary hospital in Manila, Philippines. Using a purposive or selective sampling method, three female medical clerks who had attended clerkship rotations in different specialties for at least three months, and who consented to join the study by willingly sharing their experiences during patient encounters were included. Pseudonyms were assigned to each medical clerk to safeguard their identities.

V. Data Collection and Analysis

The data collection process was initiated through face-to-face in-depth interviews that adopted a semi-structured approach, featuring open-ended guiding questions designed to delve into students' experiences during patient encounters. Throughout the interviews, the researcher employed mobile phone voice recorders to capture all discussions accurately.

the interviews, the researcher Following meticulously transcribed the recordings and crosschecked them for accuracy to ensure the fidelity of data. The clean narratives were then sent back to the medical clerks for verification. The analysis employed in this study was adapted from Colaizzi's descriptive phenomenological method.[13] The raw narratives were first translated and edited. Subsequently, significant statements related to the investigated phenomenon (real patient encounters) were identified. Initial reflections by evaluating their meanings were then derived from the statements. The identified meanings were then organized into themes. The themes were then summarized and consequently condensed into an eidetic insight—a concise statement capturing aspects that were deemed essential for the phenomenon.

VI. Ethical Considerations

All methods were performed in accordance with the Declaration of Helsinki and followed the standards of the institutional research committee. Before commencing the face-to-face interviews, they were given the freedom to ask questions before signing the consent form. Their permission was likewise asked prior to audio recordings. It was emphasized that the study guaranteed their anonymity, confidentiality, freedom to participate voluntarily and the right to withdraw at any time without repercussions.

RESULTS

The three participants were all Filipino Roman Catholic female medical students who were in their fourth year of medical school at the medical university. Their ages were 25, 26 and 24 years old, respectively. They are anonymized in the results below as Medical Clerk 1, 2 and 3 (MC1, MC2, MC3). The insights extracted from the narratives were translated into reflections and then organized into themes. This process revealed the emergence of 10 significant major themes stemming from patient encounters (Table 1).

Theme 1: Taking up medicine is the fulfillment of life's blessed calling that is imbued with profound responsibility

By unwaveringly pursuing their shared calling, medical clerks have unearthed the profound sense of purpose that resides within them. MC1 encountered an initial setback when she was denied admission to the medical university. Yet, driven by her unyielding determination to realize her dream of becoming a doctor, she courageously sought reconsideration and eventually achieved her goal. MC2's aspiration to become a doctor was deeply ingrained within her due to the early exposure she had as a child. For her, this path represented her way of selflessly serving others as she stated: "Observing my parents' dedication and the way they view their work as a vocation, I was drawn to medicine not just as a profession, but as a means of serving and making a positive impact on people's lives." MC3 was inspired by the dedicated doctors who provided care for her grandmother during their regular visits to the hospital. She chose to follow in their footsteps, becoming the doctor she once depended on for her grandmother's well-being.

To uphold the sacredness of the calling, commitment to responsibility is attached to this vocation. MC1 encountered ethical and moral dilemmas while tending to a dying patient, yet she was resolute in continuing with her duties. She shared this experience: "The first encounter with death as a clerk is unforgettable, particularly when witnessing the profound impact on the family, but as a doctor, I have to remain composed, not showing my emotions, while providing the care they need". MC2 came to understand that being a doctor carries both privilege and responsibility, compelling her to persevere in the face of self-doubt, inadequacies and inevitable mistakes as a trainee. Similarly, MC3 grappled with lingering doubts about her

abilities, but recognized that being a doctor is a solemn commitment. She expressed: "The weight of responsibility rests squarely on your shoulders as you guide your patients, holding their overall well-being in your hands. Providing care is an arduous task, and it's in moments like these that I recognize the paramount importance of having a genuine passion for medicine". In addition, she further said: "What fuels my determination to persevere, despite these uncertainties, is my calling. I firmly believe that the Lord intends to utilize me as an instrument for healing".

Theme 2: Fostering personal and spiritual bonds in patient encounters

Interacting with patients forges a profound spiritual connection, motivating medical clerks to provide care with the same compassion they would offer to their own families. MC2 shared a deep spiritual bond with a female patient who reminded her of her late mother. For her, healing extends beyond mere physical treatment: "This experience impressed on me that being a doctor isn't solely about medical knowledge from textbooks but also about the human connection you establish with your patients, which is integral to the healing process". Meanwhile, MC3 was deeply moved by patients of the same age as her parents. She voiced that: "The prospect of my parents requiring hospitalization weighs heavily on my mind. This contemplation of life's fragility motivates me to strive towards becoming the best doctor I can be".

Theme 3: Confronting human mortality is a deeply sobering experience that reinforces the significance of holding onto faith.

Facing mortality as a doctor serves as a strong reminder that life's path is often beyond our control, even when we exert our utmost efforts to sustain it. MC1's first encounter with a dying patient deeply stirred her emotions, making her acutely aware of life's fragility and the constraints of medical practice. She articulated: "While we have the power to offer medical intervention, we lack the ultimate say in a person's life, which resides with a higher power. It reinforced the complexity of healing, moving beyond the physical recovery to the acceptance of life's uncertainties". Similarly, MC3, when confronted

Table 1. Summary of Specific and Major Themes Reflections **Themes** Medicine as destiny amidst the odds Taking up Medicine is the fulfillment of life's blessed Facing moral and ethical dilemmas calling that is imbued with profound responsibility Being a doctor is a privilege and a responsibility Medicine is a passion and a calling for self-discovery and transformative growth, guided by a higher wisdom A motherly presence and association Fostering personal and spiritual bonds in patient Human encounters as opportunities for divine connection encounters Healing through human connection Emotional and existential connection: patient encounters and the doctor's personal context Inevitability of death Confronting human mortality is a deeply sobering Faith, humility and unpredictability of life experience that reinforces the significance of Realization of human mortality and the purpose of a holding onto faith. healthcare provider Resilience and growth amidst challenges Challenges serve as catalysts for growth and resilience in the journey of becoming a doctor. The transformative power of perseverance The importance of a strong theoretical foundation in medical Excitement and anxiety during patient encounters Transition from textbook knowledge to real-world patient care The healing power of faith, surrender and prayer among The power of faith and prayer in challenging patients and families moments The medical journey is a sacred duty involving faith and prayer, especially in times of self-doubt Raising a future doctor is a collective endeavor Weaving personal growth, academic and practical Thriving in medicine through an ecosystem of support, wisdom wisdom from a strong community of mentors, and guidance from family, friends and patients family, friends and patients Strength in unity: elevating patient care and individual transformation through collaboration Good mental and emotional health Patients and physician professors contribute to a holistic learning environment Strategies for continuous learning and building knowledge A lifelong odyssey of learning and adaptation Mindset of lifelong learning fosters growth The power of compassion as a virtue The vital role of compassion and social awareness Focusing on care more than cure as doctors in healing Integrating social aspects in holistic patient care The soul of medicine: treating the whole person and not just the illness Beyond the white coat: humility in the service of healing under The physicians vocation: humbled by limits the hands of a higher power The humbling reality of clerkship leads to empathic care for patients Cultivating the value of humility in a supportive environment

with mortality, found herself equally struck by the transient nature of life. She commented: "While I once considered 70 or 80 to be the threshold of old age and believed that 60 was still a time of strength, this perspective has shifted as I witness younger individuals facing serious illnesses".

Igniting passion through real patient exposure

structured learning

Strengthening of real patient encounters in the student's

Theme 4: Challenges serve as catalyst for growth and resilience in the journey of becoming a doctor

Enhancing medical education through increased

patient encounters

The daily challenges faced during clerkship are more than mere hurdles; they represent opportunities for personal and professional growth. MC1, for instance, discovered that despite the inevitable

mistakes made along the way, her confidence steadily increased as her experience accumulated. Furthermore, MC3 initially grappled with disparities between what textbooks conveyed and realities she encountered in her patients. She stated: "Communicating with challenging or disorganized patients can be particularly demanding. Nonetheless, these experiences have served as valuable lessons, equipping me to approach future patients with greater confidence".

Theme 5: The power of faith and prayer in challenging moments

Faith serves as the medical clerks' paramount wellspring of resilience, endowing them with inner fortitude and optimism needed to endure daily adversities. MC1 found solace and strength in prayer: "While I may not be religious, I do believe in a higher power. I've witnessed the transformative power of prayer. Patients and relatives often turn to the Lord as their last resort, their ultimate source of hope, even when facing the darkest of times". She further recognized the pivotal role of faith in her journey. She conveyed: "Whenever I feel my strength waning, I turn to the Lord and ask, "Can I do this?" My prayers are casual, unstructured conversations with Him, seeking help and guidance". Similarly, MC2 consistently incorporated her faith into the daily challenges: "I prepare for my daily interaction with patients by engaging in spiritual practices such as journaling and reading books. I consider it a privilege to be involved in the healing process, a role that echoes what lesus did".

Theme 6: Weaving personal growth and academic and practical wisdom from a strong community of mentors, family, friends and patients

Collaborative knowledge sharing enriches the holistic learning journey of any physician across all stages of their training. MC1 shared: "In the midst of the demanding challenges that occasionally threaten to overwhelm me, I find solace in the nurturing environment surrounding me. I've learned to appreciate quality in my relationships over quantity, selecting friends who comprehend the intricate journey, and engaging in enlightening conversations that revolve around our shared experiences with

patients". MC2 expressed her gratitude for the collaborative environment fostered by her peers: "To elevate yourself, you must uplift others. An essential part of medicine is supporting one another. Fostering this type of thinking and environment is crucial because if you keep the knowledge to yourself, not only will you stagnate, but you also won't receive blessings for growth". Additionally, she emphasized the importance of fostering self-care practices and cultivating a culture of kindness within the hospital environment to enhance the mental wellbeing of healthcare staff. Similarly, MC3 affirmed: "Moreover, I find it incredibly inspiring when professors candidly share their personal journeys and challenges, particularly during their own time in medical school. These narratives serve as a source of motivation, reinforcing the understanding that I'm not alone in facing these hurdles. These stories remind me that struggle is part of the journey, and they provide an additional layer of inspiration".

Theme 7: A lifelong odyssey of learning and adaptation

With the ever-changing landscape of medicine, doctors must maintain their unwavering dedication to keeping themselves informed about the latest research, technologies and treatment methodologies. MC1 exemplified this commitment through her diligent research of each case she encountered: "Amidst the legitimate concerns of making errors, such as prescribing the wrong medication or facing questions without answers, I've developed a proactive approach. I diligently research the cases I've encountered, deepening my understanding and building a wealth of knowledge". Similarly, MC3 recognized that medicine is a lifelong learning, making it a priority during patient encounters, refraining from allowing personal emotions to overshadow her focus.

Theme 8: The vital role of compassion and social awareness in healing

Addressing the emotional and social well-being of patients is essential for their overall health. MC2 recognized that in cases where cure is not possible, doctors should continue to provide comfort and display compassion. Central to medicine is the concept of patient-centered and whole-person

care emphasizing the need to not only administer treatment, but also understand patients' unique socioeconomic circumstances. She conveyed: "I firmly believe that regardless of financial means, patients encounter a range of life challenges that can impede their access to necessary care, making the social aspect of medicine an indispensable component to address".

Theme 9: The physician's vocation: humbled by limits

Recognizing the limitations as doctors serves as a humbling reminder to dedicate themselves to their patients while seeking divine guidance at every step. MC1, understanding that she could not offer guarantees, was committed to always provide her best care and entrusting the patient's well-being to the will of God. In a similar vein, MC2 found inspiration in a book entitled "Some Days You Can't Save Them All," which shattered her misconception that doctors must be infallible. She acknowledged: "It was a humbling experience for me because I used to think that you had to be perfect to be a doctor. My biggest fears about being a doctor were twofold: first, not being able to do what I needed to do for my patients, and second, becoming desensitized to the reality of their suffering. I didn't want to lose my empathy and sensitivity".

Theme 10: Enhancing medical education through increased patient encounters

Enhancing the frequency of real patient interactions is vital in equipping students with essential skills for their future patient care responsibilities. MC1 firmly believed that early exposure to actual patients can help reflect on their ultimate roles, shifting their focus away from stress and exhaustion. She conveyed: "To enhance our curriculum, I suggest incorporating a day for students to truly witness what transpires in a clerk's life.... I believe this initiative would provide students in their 1st, 2nd, and 3rd year of medical school with a safety net, a spark that can fuel their motivation. If I were a 3rd- or 2nd-year student, I would be genuinely excited knowing that there's an actual patient whom we will see and learn from and this can allow them to strive even harder as students". MC3 further emphasized: "I believe that to better prepare for clerkship, incorporating more patient encounters into our learning process is essential. Not only do these experiences enhance our retention of medical knowledge, but they also foster a deeper and more personal connection between us, as aspiring medical professionals, and the patients we serve".

DISCUSSION

Medical clerkship is a transformative journey for every medical student. Employing a phenomenological approach, the study revealed ten key major themes. Foremost of which is the unveiling of the profound calling that is inherent in a medical vocation which was verified in the study of Kao and Jager.[14] Students often perceive this calling as an internal summons, passion, a life purpose, or being in the right place.[15] Individuals with a strong sense of calling not only find satisfaction in their work but also demonstrate persistence in their roles despite difficulties.[16,17]

The encounters of medical clerks with patients forged spiritual and personal connections. In the healing process, connection is seen as the establishment of a space that prioritizes confidentiality, empathy, love and compassion. This space, created through mental presence, emotional openness and respect for physical appearance, fosters a safe environment for open sharing. This communion leads to a state of grace, allowing for entry of the divine and facilitating healing, transformation and transcendence.[18]

Another significant theme was the intersection between mortality and faith. In a study that explored how medical students and doctors cope with patient loss, religion and faith served as common coping mechanisms, alleviating feelings of helplessness as well as providing comfort that a patient's fate is ultimately in God's hands and that within the larger existence of universal truth and values, what had occurred could essentially make sense.[19,20]

The study also drew attention to the catalytic role of challenges in fostering growth and resilience. Resilience is positively linked to the well-being of medical students.[21] Cross-sectional studies have found that higher resilience correlates with lower psychological distress, increased life satisfaction, happiness, better quality of life, reduced anxiety symptoms, enhanced subjective well-being among medical students and professional identity formation. [10,22-27]

The potent influence of faith, prayer and support from mentors, family and friends were also pointed out in the study. Prayer and meditative practices contribute significantly to the overall well-being of medical students, reducing anxiety and depression while fostering optimism and hope.[2,28] Support coming from leaders, colleagues and nurse partners, likewise helps in stress management, alleviates burnout symptoms, strengthens professional relationships and mitigates mental health challenges. [29-32]

The study also stressed the enduring journey of learning and adaptation. In the evolving landscape of medical practice, particularly with the rise of "evidence-based medicine," doctors are expected to stay current and apply recent advances in their profession, necessitating self-directed robust learning, self-discovery and lasting enthusiasm.[33]

The findings further emphasized the vital role of compassion and social awareness in healing. Compassion encompasses ethical, professional, communicative, humanistic, religious-spiritual and patient involvement dimensions. It also covers the recognition of social and economic challenges that impact patient's health outcomes, particularly for those with lower socioeconomic status.[34]

The study also underscored the humility arising from acknowledging the limits of the physician's vocation. In clinical practice, humility acts as a relational construct, adapting to various contexts and times, moderating power imbalances and guarding against narcissistic entitlement. Patients perceive humble doctors as trustworthy and inviting, while arrogance creates barriers to approachability and confidence.[35]

Lastly, it is crucial to stress the significance of increasing exposure to patient encounters, the driving force that integrates theory and practice. [36] Early workplace encounters among medical students strengthened their learning and professional identity as evolving doctors. [37] Other emerging themes took the form of developmental outcomes which included the ability to perform the task, modification of attitudes towards the task and development of relationships within the team. The central feature of the experience which influenced all developmental outcomes was making mistakes, contributing towards the development of a professional. [38]

These themes collectively merge into an eidetic insight, which articulates that real patient encounters

through medical clerkship are a sacred responsibility. Every encounter offers an opportunity to grow more deeply in faith and one's social, psycho-emotional and intellectual well-being. It involves entering into profound human and spiritual connections within a caring environment that is imbued with compassion, humility, stewardship, professionalism, collaboration, growth and resilience.

Within the paradigm of the Theology of Migration, framing medical clerks as beings in constant motion, their journey becomes a meaningful exploration as they transition from classroom learning to the dynamic realm of real patient encounters. This experiential shift resonates with the phenomenological orientation of Gabriel Marcel's "Homo Viator[11]," offering a rich source of parallels.

As medical clerks move from theoretical knowledge to lived experiences of patient interactions, they embark on an existential journey marked by profound themes of hope, ambiguity and the search for meaning. The encounter with patients, their families and the uncertainties inherent in healthcare settings can lead to a heightened consciousness of one's sense of duty. The fears, anxieties and uncertainties encountered in patient care become pivotal points for personal and spiritual growth, in congruency with Marcel's key point of brokenness and wholeness.

In this journey, medical clerks may experience a discernment and realization that, while developing their competencies, there is need to recognize a higher power or intelligence on whose hands ultimately the life and well-being of a person rests. This recognition aligns with Marcel's themes of faith and transcendence, where the pursuit of better opportunities in patient care is seen as a manifestation of the human desire for meaning beyond this world.

Moving forward in patient encounters, medical clerks become more closely in touch with themselves, with God, with colleagues and with patients and their families. The genuine connectedness formed in these encounters contributes to a sense of continuity and meaning in their journey as medical practitioners. Through the intertwining of Marcel's existential concepts with experiences of medical clerks in real patient encounters, a "spirituality of encounter" emerges—a profound recognition of the sacredness and interconnectedness of human experience in the realm of healthcare.

CONCLUSIONS

In conclusion, the essential intuition drawn from this study emphasizes spirituality that real patient encounters in medical clerkship impart. It represents a sacred responsibility, providing opportunities for profound connections, resilience, deepened faith and comprehensive personal and professional development within a caring and compassionate environment.

In light of the phenomenological insights derived from the study, several implications emerge. The theoretical implication for medical students is rooted in emphasizing medicine as not merely a profession but a vocation imbued with divine purpose. Understanding themselves as instruments of God's healing ministry fosters humility and encourages selfless giving, viewing patients not as mere transactions but as souls entrusted to their care. It underscores the profound responsibility of restoring not just physical health, but the dignity of each individual, reinforcing spiritual dimensions inherent in the doctor-patient relationship. Such a perspective can be further integrated into medical ethics courses within medical schools, serving to fortify the spiritual foundation of students as they embark on this profession.

For the medical education system, there is a pressing need for the integration of holistic care within the curriculum. This entails expanding educational offerings to include courses or workshops that transcend clinical realms, focusing on empathetic communication, understanding social dynamics, fostering ethics, promoting cultural sensitivity and delving into the spiritual dimensions of health and illness.

The establishment of mentorship programs and structured reflection sessions is also important. Encouraging students to engage in mentorship relationships with seasoned healthcare providers facilitates the transfer of experiential wisdom and contributes significantly to personal and professional growth of medical students.

Another implication revolves around the promotion of patient-centered care. The curriculum should

emphasize the significance of understanding and respecting patients' values, beliefs and preferences. Tailoring treatment plans accordingly ensures a more personalized and empathetic approach to healthcare.

Additionally, mental health education must be integrated into the curriculum, incorporating stress management strategies and awareness programs that will familiarize medical students with signs of stress, burnout and compassion fatigue. Medical students should be actively encouraged to proactively manage their well-being by seeking counseling or therapy. This proactive approach aligns with the study's emphasis on resilience and mental health, contributing to a more supportive and sustainable medical education environment.

Acknowledgments

We would like to thank the medical clerks G.C., M. S. and Y.Z., whose invaluable time, wisdom and dedication greatly enriched this study.

Declarations

Funding

The authors declare that no funds, grants, or other support were received during the preparation of this manuscript.

Competing Interests

The authors have no relevant financial or non-financial interests to disclose.

Ethics Approval

The paper has been exempted from review by the University of Santo Tomas, Faculty of Medicine and Surgery Research Ethics Board.

Consent to Participate and Publish

Informed consent for participation and publication were obtained from all the medical clerks.

Authors' Contributions

All authors contributed to the study conception and design. Material preparation, data curation and formal analysis were performed by MDC and RPR. The original draft of the manuscript was written by MDC. The review and editing of the paper were contributed by CCDC. All authors commented on previous versions of the manuscript. All authors read and approved the final manuscript.

REFERENCES

- Gottlieb M, Chung A, Battaglioli N, Sebok-Syer SS, Kalantari A. Impostor syndrome among physicians and physicians in training: A scoping review. Med Educ [Internet]. 2020;54(2):116–24. Available from: http://dx.doi.org/10.1111/medu.13956
- Ray C, Wyatt TR. Religion and spirituality as a cultural asset in medical students. J Relig Health [Internet]. 2018;57(3):1062–73. Available from: http://dx.doi.org/10.1007/s10943-017-0553-3
- 3. Boggiano VL, Wu Y, Bruce JS. Patient-centered care challenges and surprises: through the clerkship students' eyes. Fam Med. 2017;49(1):57–61.
- 4. Collins L, Sato R, Lanoue M. Impact of a patient-centered medical home clerkship curriculum. Fam Med. 2014;46(6):440–6.
- Shapiro J, Ortiz D, Ree YY, Sarwar M. Medical students' creative projects on a third year pediatrics clerkship: a qualitative analysis of patient-centeredness and emotional connection. BMC Med Educ [Internet]. 2016;16(1):93. Available from: http://dx.doi.org/10.1186/s12909-016-0614-4
- Gathright MM, Thrush C, Guise JB, Krain L, Clardy J. What do medical students perceive as meaningful in the psychiatry clerkship learning environment? A content analysis of critical incident narratives. Acad Psychiatry [Internet]. 2016;40(2):287–94. Available from: http://dx.doi. org/10.1007/s40596-015-0303-3
- Nagano H, Obara H, Takayama Y. A brief home-based palliative care learning experience for medical students and resident doctors in Okinawa, Japan. *PLoS One* [Internet]. 2019;14(6):e0218780. Available from: http://dx.doi.org/10.1371/journal.pone.0218780
- Sagin A, Ellman MS, Shariff RR, Jones CA, Tindall K, Siropaides CH. A multicenter qualitative analysis of medical student narratives after a palliative care elective. Am J Hosp Palliat Care [Internet]. 2021;38(9):1126–34. Available from: http://dx.doi.org/10.1177/1049909120971565
- Adams J, Ari M, Cleeves M, Gong J. Reflective writing as a window on medical students' professional identity development in a longitudinal integrated clerkship. *Teach Learn Med* [Internet]. 2020;32(2):117–25. Available from: http://dx.doi.org/10.1080/10401334.2019.1687303
- Wald HS, White J, Reis SP, Esquibel AY, Anthony D. Grappling with complexity: Medical students' reflective writings about challenging patient encounters as a window into professional identity formation. Med Teach [Internet]. 2019;41(2):152–60. Available from: http://dx.doi.org/10.1080/0142159x.2018.1475727
- Marcel G. Homo Viator: Introduction to the Metaphysics of Hope [Internet]. Chicago: Henry Regnery Company; 1951. Available from: https://antilogicalism.com/wp-content/ uploads/2019/06/homo-viator.pdf
- Smith DW. Phenomenology. In: Zalta EN, editor. The Stanford Encyclopedia of Philosophy [Internet]. Summer 2018.
 Metaphysics Research Lab, Stanford University; 2018.
 Available from: https://plato.stanford.edu/archives/sum2018/entries/phenomenology/
- Cope DG. Methods and meanings: credibility and trust-worthiness of qualitative research. Oncol Nurs Forum [Internet]. 2014;41(1):89–91. Available from: http://dx.doi.org/10.1188/14.ONF.89-91

- Kao AC, Jager AJ. Medical students' views of medicine as a calling and selection of a primary care-related residency. Ann Fam Med [Internet]. 2018;16(1):59–61. Available from: http://dx.doi.org/10.1370/afm.2149
- 15. Bonvin S, Stiefel F, Gholam M, Bourquin C. Calling situated: a survey among medical students supplemented by a qualitative study and a comparison with a surveyed sample of physicians. BMC Med Educ [Internet]. 2022;22(1):619. Available from: http://dx.doi.org/10.1186/s12909-022-03642-x
- Chae SJ, Jeong SM, Chung Y-S. The mediating effect of calling on the relationship between medical school students' academic burnout and empathy. Korean J Med Educ [Internet]. 2017;29(3):165–73. Available from: http://dx.doi. org/10.3946/kjme.2017.62
- 17. Zhang S, Wang J, Xie F, Yin D, Shi Y, Zhang M, et al. A cross-sectional study of job burnout, psychological attachment, and the career calling of Chinese doctors. BMC Health Serv Res [Internet]. 2020;20(1):193. Available from: http://dx.doi.org/10.1186/s12913-020-4996-y
- Perez JC. Healing presence. Care Manag J [Internet].
 Spring;5(1):41-6. Available from: http://dx.doi.org/10.1891/cmaj.5.1.41.61268
- 19. Masia RT, Basson WJ, Ogunbanjo GA. Emotional reactions of medical doctors and students following the loss of their patients at the Dr George Mukhari Hospital emergency unit, South Africa. S Afr Fam Pract (2004) [Internet]. 2010 [cited 2025 Mar 28];52(4):356–63. Available from: https://www.ajol.info/index.php/safp/article/view/61446
- Pessagno R, Foote CE, Aponte R. Dealing with death: medical students' experiences with patient loss. *Omega* (Westport) [Internet]. 2013;68(3):207–28. Available from: http://dx.doi.org/10.2190/om.68.3.b
- Lin YK, Lin C-D, Lin BY-J, Chen D-Y. Medical students' resilience: a protective role on stress and quality of life in clerkship. BMC Med Educ [Internet]. 2019;19(1):473. Available from: http://dx.doi.org/10.1186/s12909-019-1912-4
- 22. Aboalshamat KT, Alsiyud AO, Al-Sayed RA, Alreddadi RS, Faqiehi SS, Almehmadi SA. The relationship between resilience, happiness, and life satisfaction in dental and medical students in Jeddah, Saudi Arabia. Niger J Clin Pract [Internet]. 2018;21(8):1038–43. Available from: http://dx.doi.org/10.4103/njcp.njcp_278_17
- Burgis-Kasthala S, Elmitt N, Smyth L, Moore M. Predicting future performance in medical students. A longitudinal study examining the effects of resilience on low and higher performing students. Med Teach [Internet]. 2019;41(10):1184– 91. Available from: http://dx.doi.org/10.1080/01421 59X.2019.1626978
- 24. Helou MA, Keiser V, Feldman M, Santen S, Cyrus JW, Ryan MS. Student well-being and the learning environment. *Clin Teach* [Internet]. 2019;16(4):362–6. Available from: http://dx.doi.org/10.1111/tct.13070
- 25. Kim NE, Cho SM. Quality of life of medical students during clinical clerkship. *Korean J Med Educ* [Internet]. 2012;24(4):353–7. Available from: http://dx.doi.org/10.3946/kjme.2012.24.4.353
- 26. Shi M, Liu L, Wang ZY, Wang L. The mediating role of resilience in the relationship between big five personality and anxiety among Chinese medical students: a cross-sectional study. *PLoS One* [Internet]. 2015;10(3):e0119916. Available from: http://dx.doi.org/10.1371/journal.pone.0119916

- Zhao F, Guo Y, Suhonen R, Leino-Kilpi H. Subjective well-being and its association with peer caring and resilience among nursing vs medical students: A questionnaire study. Nurse Educ Today [Internet]. 2016;37:108–13. Available from: http://dx.doi.org/10.1016/j.nedt.2015.11.019
- 28. Parkman CA. Faith and healing. Case Manager [Internet]. 2003;14(1):33–6. Available from: http://dx.doi.org/10.1067/mcm.2003.9
- 29. Carrieri D, Mattick K, Pearson M, Papoutsi C, Briscoe S, Wong G, et al. Optimising strategies to address mental ill-health in doctors and medical students: "Care Under Pressure" realist review and implementation guidance. BMC Med [Internet]. 2020;18(1):76. Available from: http://dx.doi.org/10.1186/s12916-020-01532-x
- Ciemins EL, Brant J, Kersten D, Mullette E, Dickerson D. Why the interdisciplinary team approach works: Insights from complexity science. J Palliat Med [Internet]. 2016;19(7):767–70. Available from: http://dx.doi.org/10.1089/jpm.2015.0398
- 31. Gottlieb M, Chung A, Battaglioli N. Impostor syndrome among physicians and physicians in training: A scoping review". *Med Educ.* 2020;54(2):116–24.
- 32. Mikkola L, Suutala E, Parviainen H. Social support in the workplace for physicians in specialization training. *Med Educ Online* [Internet]. 2018;23(1):1435114. Available from: http://dx.doi.org/10.1080/10872981.2018.1435114
- Mukhopadhyay S, Smith S, Cresswell J. Lifelong learning in obstetrics and gynaecology: how theory can influence clinical practice. *J Obstet Gynaecol* [Internet]. 2011;31(6):476–9. Available from: http://dx.doi.org/10.3109/01443615.2011.587050
- Tehranineshat B, Rakhshan M, Torabizadeh C, Fararouei M. Compassionate Care in Healthcare Systems: A systematic review. J Natl Med Assoc [Internet]. 2019;111(5):546–54. Available from: http://dx.doi.org/10.1016/j.jnma.2019.04.002
- 35. Jeffrey DI. Humility: the primary virtue of a good doctor. J R Soc Med [Internet]. 2020;113(12):479–81. Available from: http://dx.doi.org/10.1177/0141076820923609

- Diemers AD, Dolmans DHJM, Van Santen M, Van Luijk SJ, Janssen-Noordman AMB, Scherpbier AJJA. Students' perceptions of early patient encounters in a PBL curriculum: a first evaluation of the Maastricht experience. Med Teach [Internet]. 2007;29(2–3):135–42. Available from: http:// dx.doi.org/10.1080/01421590601177990
- 37. Mckenzie S, Burgess A, Mellis C. A taste of real medicine: third year medical students' report experiences of early workplace encounters. Adv Med Educ Pract. 2020;6(11):717–25.
- Smith SE, Tallentire VR, Cameron HS, Wood SM. The effects of contributing to patient care on medical students' work-place learning. Med Educ [Internet]. 2013;47(12):1184–96. Available from: http://dx.doi.org/10.1111/medu.12217

© © © © Open Access This article is licensed under a Creative Commons Attribution-NonCommercial-

ShareAlike 4.0 International License, which permits use, share copy and redistribute the material in any medium or format, adapt — remix, transform, and build upon the material, as long as you give appropriate credit, provide a link to the license, and indicate if changes were made. You may do so in any reasonable manner, but not in any way that suggests the licensor endorses you or your use. You may not use the material for commercial purposes. If you remix, transform, or build upon the material, you must distribute your contributions under the same license as the original. You may not apply legal terms or technological measures that legally restrict others from doing anything the license permits. The images or other third party material in this article are included in the article's Creative Commons license, unless indicated otherwise in a credit line to the material. If material is not included in the article's Creative Commons license and your intended use is not permitted by statutory regulation or exceeds the permitted use, you will need to obtain permission directly from the copyright holder. To view a copy of this license, visit https://creativecommons.org/licenses/by-nc-sa/4.0/.