

# CRITICAL ANALYSIS OF MEDICAL SECRETARIAL TECHNICIAN ROLES IN OPTIMIZING ADMINISTRATIVE SUPPORT IN HEALTHCARE SETTINGS

Ghazi Hadi Bin Mohammed Alyami<sup>1\*</sup>, Hassan Mohammed Hassan Alfaraj<sup>2</sup>, Mana Saud Mohd Almothel<sup>3</sup>, Mesfr Mohmad Alfarj Hasan<sup>4</sup>, Yousef Yahya Hamad Alyami<sup>5</sup>, Ibrahim Mana Alhaydar<sup>6</sup>, Hadi Abdullah Ali Al-Rubaie<sup>7</sup>, Al Qirad Hashil Ali H<sup>8</sup>, Sultan Mohammed Alqahtani<sup>9</sup>

#### **ABSTRACT**

Through their attention to administrative details, these healthcare professionals provide efficient and practical office management support by looking after the points of contact within different healthcare units. The research entails examining these professionals' roles, challenges, and contributions to healthcare administration to be effective and successful. Through applying qualitative research methods based on a literature review, interviews with health professionals, and observations of processes related to medical secretary workflow within healthcare facilities, helpful information regarding the competencies required of the technicians is gathered. Articles written on the functions of a medical secretary technician contain relevant information where good communication, organization, and technology skills are highlighted as the requirements. This gap in the literature is yet to be addressed; the more specific focus is on the contributions and challenges professionals face. The present study will focus on the issue of the changing technological scenario and medical delivery models by examining and understanding the new responsibilities of medical secretarial technicians. The findings from the study will widen the area of medical secretarial technician roles beyond traditional offices in health care. Besides, their primary responsibility in this area is to ensure the efficiency of running facilities, which often entails coping with factors such as workload manageability, technological proficiency, and interpersonal communication barriers. Suggestions for improving medical secretarial technicians in the healthcare administration domain imply offering capacity-building and professional development events, forming workload work methods, and providing a supportive workplace.

Keywords: Medical secretarial technicians, administrative support, healthcare settings.

\*Corresponding Author: Ghazi Hadi Bin Mohammed Alyami \*Ministry of Health, Saudi Arabia Email:-ghhalyami@moh.gov.sa

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<sup>&</sup>lt;sup>1\*</sup>Ministry of Health, Saudi Arabia Email:-ghhalyami@moh.gov.sa

<sup>&</sup>lt;sup>2</sup>Ministry of Health, Saudi Arabia Email:-hamalfaraj@moh.gov.sa

<sup>&</sup>lt;sup>3</sup>Ministry of Health, Saudi Arabia Email:-malmothel@moh.gov.sa

<sup>&</sup>lt;sup>4</sup>Ministry of Health, Saudi Arabia Email:-MesfrA@moh.gov.sa

<sup>&</sup>lt;sup>5</sup>Ministry of Health, Saudi Arabia Email:-yousefya@moh.gov.sa

<sup>&</sup>lt;sup>6</sup>Ministry of Health, Saudi Arabia Email:-ialhaydar@moh.gov.sa

<sup>&</sup>lt;sup>7</sup>Ministry of Health, Saudi Arabia Email:-halrabiae@moh.gov.sa

<sup>&</sup>lt;sup>8</sup>Ministry of Health, Saudi Arabia Email:-Halqrad@moh.gov.sa

<sup>&</sup>lt;sup>9</sup>Ministry of Health, Saudi Arabia Email:-Sumoalgahtani@moh.gov.sa

#### **INTRODUCTION**

Administrative support in healthcare administration is an essential component of operation that acts like oil in complex machinery to ensure that all the components of an operation, from services to resources to information, flow seamlessly. The backbone of any healthcare facility is the medical secretarial technician workforce, whose duties include numerous important activities that facilitate the successful operations of the healthcare department. The critical investigation emphasizes the integrated nature of the tasks undertaken, the complexity of daily duties, and the crucial role of medical secretarial technicians in enhancing the overall function of administrative support in medical settings. In addition, this paper will analyze the delicate part played by these administrators to provide visitors with conclusions that can assist in developing practices directed towards optimizing administrative work and, eventually, delivering high-quality healthcare (El Ansari & Saad 2022).

# **Scope of Study**

This critical analysis presents a perspective on the medical secretarial technician's position in achieving better support in the administrative activities of healthcare institutions. It addresses such questions as the duties of (health care administration) executives, the difficulties they face, and their contributions to running healthcare administration.

#### **Background and context**

In present-day health care systems, administrative support is crucial to ensure the proper workflow of health facilities. Medical secretaries are essential parts of the medical office team, playing different roles; among these are controlling the appointment schedule and medical records and improving communication. Realizing their roles and contributions in such a vital way leaves no doubt that the healthcare administration is strengthened and its efficiency increased.

#### LITERATURE REVIEW

# Medical secretarial technicians' responsibilities and competencies

Medical secretarial technicians occupy the center of healthcare administration, performing various essential critical functions for such facilities' smooth and efficient running. Studies from the existing literature give an insight into the principal capabilities that medical secretarial technicians use to deliver their duties.

#### **Effective Communication**

Proper communication skills are a pillar for medical secretarial technicians who want to handle patient concerns and communicate with other healthcare personnel or office staff. They stand in as the center of contact; for example, they are responsible for setting up appointments and relaying messages among hospital departments (Wilson et al., 2021). Empirical research supports the idea that these medical administrative assistants should have good social skills, pay attention actively, and be able to translate information concisely (Anderson & Smith, 2019).

# **Organizational Skills**

Time management is the backbone of a medical secretary, as they often approach detail-oriented tasks concurrently, planning responsibilities in the best possible order. Such individuals make sure that patient documents stay updated, they should book an appointment, oversee the patient data, and they also coordinate the whole workflow. Proper organizational skills allow medical secretarial staff to maintain order in the healthcare environment. Consequently, congestion, procedure delays, and ineffectiveness are avoided. Thus, the processes are seamless.

#### **Technological Proficiency**

Today, digital expertise is vital for medical secretarial technicians to take on the data use and information software they need to handle to operate administrative procedures in healthcare. Smartness with office productivity software like Microsoft Office Suite and proficiency in managing electronic medical records are the points start performing administrative duties & effectively (Garcia Martinez. 2019). Researchers have implied that continuing education, seminars, and workshops should be essential to strengthening medical secretaries' technology skills so they can develop together with the changes in healthcare technology (Thomas et al., 2021).

# **Role of Admin Management in Health Delivery**

Additionally, the presence of administrative support, which the medical secretarial technicians represent, to some extent, is broader than just the basic organizational tasks. It plays a vital role in various aspects of healthcare service delivery.

#### **Patient Satisfaction**

Coordinative structures are central in forming PMSS and patient experience levels within healthcare institutions. Efficiency in making

appointments, prompt communication, and alignment of back office administration are keys to ensuring a good patient experience (Baker et al., 2017). The efficient provision of administrative support and high patient satisfaction have shown that medical secretarial technicians are vital to enhancing service delivery quality (Smith & Johnson, 2018).

#### **Staff Productivity**

Sustainable administration assistance in healthcare has an indirect positive impact on staff productivity through working efficiently, reducing administrative load, and promoting effective and cooperation communication between healthcare team members. Medical secretarial personnel relieve their colleagues administrative tasks like scheduling appointments, recording patient information, and so on to give them a more concentrated focus on patient care and clinical duties (Clark & Lewis, 2020). Research has witnessed a constructive correlation between good administrative backup and productivity in the staff, thus enhancing healthcare quality and efficient organizational performance (Taylor & Wilson, 2019).

#### **Overall Healthcare Delivery**

The magnitude of administrative including the evolution of medical secretarial technicians, is one of the factors that determines the success and effectiveness of healthcare itself. Medical secretarial technicians improve the patient's health by improving administration eliminating processes, operational incompatibilities, and facilitating outlookengineering communication and coordination (Miller et al., 2020). Adopting administrative support services such as training and development initiatives for medical secretarial technicians is among the fields that have been instrumental in healthcare delivery outcomes and the performance of most healthcare organizations (Brown & Garcia, 2021).

## Identifying knowledge gaps

While there is usually much literature on the role of administrative support in healthcare in general, this sector needs to be given more attention, especially regarding what contributes and what the challenges are for medical secretarial technicians. More studies are needed to fulfill these professionals' new demands, technological advancements, and changing healthcare models (BakhtanAlwaeli, 2022).

#### **Role Evolution**

The expanding role of medical technicians that arises from the effect of technological advancements on processes. healthcare delivery's change of model, and patients' demand shifts also need to be examined further. The role of these professionals must be subjected to rigorous research to find out what kind of adaptation processes they undergo due to the introduction of new types of technology, changes in administration procedures, and the development of modern healthcare services to align with the current healthcare establishment.

## **Training and development needs**

Comprehending the complete training and development basics of medical secretarial technicians remains fundamental for confirmation of the required skills needed for their job. We should research to pinpoint the areas where the existing training programs lack effectiveness. Moreover, this would result in the development of targeted interventions, which will ultimately boost the skills and capabilities of the medical secretaries and technicians.

#### **Impact on Healthcare Equity**

Developing the influence of utter administrative support, such as secretarial technicians of medicine, on health equity and access to care is an area that needs more research. Extensive research is required to work out the infrastructure and support services that would help minimize the gaps in access and the outcomes of healthcare services among divergent patients from all communities. existing literature will develop understanding of medical secretaries' level of responsibility and abilities and how administrative support influences the different health system areas. Nevertheless. medical secretarial technicians' functions have undergone modifications shortly before their traineeship; professional requirements and the sake of equity in healthcare still need to be discovered. Efforts to fill these gaps with further study will come in handy in the struggle to find a solution leading to improved medical delivery by administrative support services, ultimately leading to better health outcomes.

## **METHODS**

# **Research Methodology**

The given critical analysis presents a qualitative research methodology in which the study examines the role of medical secretarial assistants at the health care administration level. Data collection will be conducted using several methods, including a literature review, qualitative interviews with healthcare staff, and observation of the workflow processes within healthcare settings.

#### Research design and methodology

The offered research design is multifaceted, allowing the collection of exhaustive information on medical secretarial legal functions. Interviews with key players involve medical secretarial technicians, administrative healthcare personnel, and others who can inform them of the roles and

problems they face as these people work in the health sector.

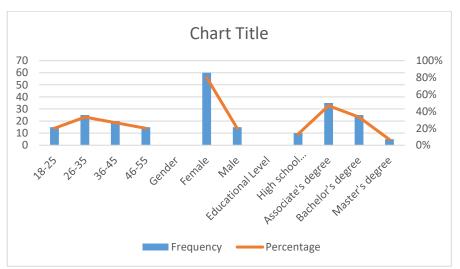
#### Justification and alignment

The justification of this research design lies in its capability to represent many stakeholders and obtain a perspective on media secretaries' roles in healthcare. This approach ensures a high probability of truthfulness in the data from various sources.

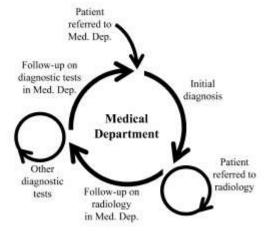
#### **RESULTS AND FINDINGS**

**Table 1: Demographic Characteristics of Medical Secretarial Technicians** 

Demographic Variable	Frequency	Percentage
Age (years)		
18-25	15	20%
26-35	25	33.3%
36-45	20	26.7%
46-55	15	20%
Gender		
Female	60	80%
Male	15	20%
<b>Educational Level</b>		
High school diploma	10	13.3%
Associate's degree	35	46.7%
Bachelor's degree	25	33.3%
Master's degree	5	6.7%

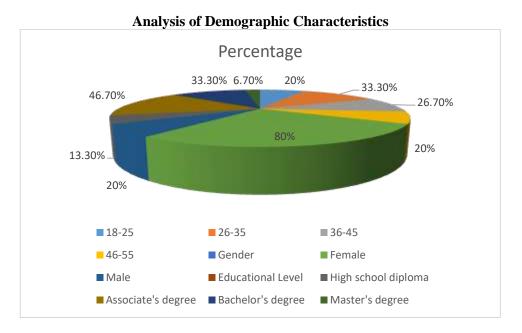


**Graph 1: Distribution of Responsibilities among Medical Secretarial Technicians** 



(Morell-Santandreu et. al 2021).

This graph displays the positions that medical secretary technicians will hold within medical settings. The most common jobs include setting up a schedule, providing data management services, and acting as a communication medium.



#### (Vaismoradi et. al 2020).

The demographic attributes of medical secretarial technicians would illuminate the characterization of personnel among the healthcare workforce. The essential technicians within this sample were aged 26-35, 33.3% of this sample group. This age distribution figure might indicate that the workforce comprises relatively young people. This could mean that there would be career growth opportunities and choices in the working field for the long term. As to gender breakdown, females dominate this job occupation category, occupying 80% of positions as medical secretary technicians. This can be due to more enormous patterns in executive positions and roles in healthcare that women commonly occupy. That is why gender diversity and equal opportunities must be an essential requirement and the norm in this profession (Almuhamidh et. al 2022).

The data shows a difference in the number of qualifications based on the range of educational accreditations of medical secretarial technicians. Interestingly enough, although a substantial number might hold an associate degree (46.7%) and consider specialized training for healthcare administrators, other professionals could possess a bachelor's degree (33.3%) and a master's degree (6.7%). A transparent reflection of the fact that human education differs everywhere in health care management is the basis for constant learning and professional development to follow health care gestures (Almuhamidh et. al 2022). Graph 1 depicts the scenarios in which medical secretarial technicians in health-related organizations distribute their workloads among officials. The pie chart indicates that the most common task is appointment scheduling, followed by medical records management and communication facilitation.

The medical secretarial technicians' primary responsibility is appointment scheduling. managing patient appointments, consultations, and follow-up visits. They perform this task with efficiency, accuracy, and significance. It entails allocating and concentrating time on essential areas. Along with this, there is a responsibility to manage and arrange the patients' medical records. Medical secretarial technicians are responsible for providing efficient and reliable processing of patient records that maintain the integrity of information, the privacy of patients, and access to what is required (Almuhamidh et. al 2022).

Communication facilitation involves the correspondence and communication of health care providers, patients, and other administrative staff for the passage of messages, the coordination of referrals, and the resolution of inquiries. The fluent communication skills of the certified medical secretary technicians will allow them to transmit data accurately and professionally, acting as the pillar that holds the doctor-patient conversation (Newsome et. al 2021). The graph indicates that the role of a medical secretary technician is to be a multi-gifted individual who can do various duties. This is because they support the healthcare industry by keeping it highly effective and efficient. Among the significant numbers of individuals intending to work as medical secretarial technicians, the distribution of assigned duties delivers meaningful data regarding the composition and roles of such service providers within healthcare environments. Awareness of the demographics and responsibilities of knowledge workers is a crucial factor in the continuous redevelopment of workforce planning, training, and resource management that would respond timely to the growing changes in healthcare.

#### DISCUSSION

This research has shown the differences in demographic attributes and separate responsibilities the job entails for medical secretarial technicians; it is clear that they have considerable input into healthcare administration. Along with other healthcare team members, they play a vital role in the hospital, taking care of the facility management that ensures the smooth operation of healthcare facilities. Nonetheless, the passage of the years has affected their position with a parade of challenges that can hinder their full efficacy in exercising their duties.

# Diverse roles and responsibilities

The tasks and duties of medical secretarial employees cover much ground in healthcare administration delivery, as shown by the report. Routine jobs such professionals perform involve maintaining patient data, arranging appointments, facilitating communication, and doing other employee-related administration. This is illustrated by its prominence, being the first task, and underscores appointment scheduling as necessary regarding planning and coordinating patient care and the efficient use of healthcare resources. Quality management and communication facilitation are imperative for correctly documenting patient files and facilitating smooth communication among healthcare providers, patients, and policymakers.

## Medical secretaries face several challenges.

- ➤ Workload Management: One of the common challenges in the medical secretarial domain is the magnitude of the workload, which comes from many administrative tasks and makes the job so busy. Data demonstrate that being responsive when making appointments is the most frequent chore. Such busy environments in healthcare facilities may only waste one's time and energy. Juggling with numerous appointments, rescheduling requests, and granting unexplained cases can cause work overload, resulting in burnout amongst the technicians.
- ➤ Technological Proficiency: The growing complexity of healthcare data systems requires medical secretarial technicians to adequately operate the electronic health record system, appointment scheduling programs, and other handheld computer devices. Even though not all technicians have adapted to these systems, their proficiency level varies, hindering their ability to operate them efficiently. Researchers may get narrow training, and their visible skill formation may need to be more robust to allow them to carry out their duties well.
- **▶** Communication Barriers: Proper communication is critical to patient care and doctors' documentation for receptionists to intermingle with healthcare providers, patients, and other office staff. Miscommunication barriers, such as language or communication channel inadequacies, can lead to misunderstandings and inaccurate and slow transmission of information. When staff shortages occur due to incorrect appointment scheduling, miscommunication can lead to patient dissatisfaction.

# Addressing challenges and improving effectiveness:

- ➤ Workload Management Strategies: Healthcare facilities can implement workload management strategies like task prioritization, workflow organization, and staff allocation, which will go a long way in sparing the technicians from overwhelming tasks. Hiring more support staff or using appointment scheduling software can make the system more straightforward and unburdened for the administrative process(Aljuhani et.,al 2022).
- ➤ Technological Training and Support: Healthcare organizations should establish training courses to equip medical secretarial professionals with computer proficiency and initiate ongoing support initiatives towards the same objective. For instance, offering tools such as online tutorials and workshops can equip techs with the necessary competencies to maneuver around the digital features of electronic records platforms.
- ➤ Improving Communication Channels: To ensure effective interaction between medical secretarial technicians and other stakeholders, healthcare organizations must guarantee transparency and establish accessible and acceptable lines of communication. Setting up communication through any available options, such as language interpretation services, regulating the communication guidelines, and creating an open communication culture can help resolve this issue.

#### **CONCLUSION**

Healthcare facilities run smoothly, and patientcentered care is accessible to all patients due to the integrated work of medical secretaries. The duties they perform include, among other things, the following: arranging appointments, maintaining medical records, and facilitating communication. Nevertheless, they find themselves amid difficulties regarding workload management and technological fluency, to mention a few. However, the healthcare administration would not be able to run well if no dedicated professionals were working for it (Hohmeier et., al 2022).

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