



A Critical Discourse Analysis of the Link between Professional Culture and Organisational Culture

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Table 1: Semi-Structured Interviews Brief

Serial no	Codes	Name of Hospital	Age	Gender	Years of Experience	Specialties
Public Hospitals						
1	AM1	Amo-Hosp.	43	F	12	Gynaecology
2	AM2	Amo-Hosp.	46	M	16	Cardiology
3	AM3	Amo-Hosp.	29	F	6	Obstetrics
4	BM4	Bamo-Hosp.	37	M	12	Haematology
5	BM5	Bamo-Hosp.	42	M	14	Paediatrics
6	CM6	Camo-Hosp.	54	F	13	Family Medicine
7	CM7	Camo-Hosp.	45	M	15	Radiologist
8	DM8	Damo-Hosp.	52	M	12	Surgeon
9	DM9	Damo-Hosp.	49	F	4	Cardiology
10	FM10	Famo-Hosp.	55	M	6	Family Medicine
11	FM11	Famo-Hosp.	59	M	16	Family Medicine
12	GM12	Gamo-Hosp.	44	F	18	Surgeon
13	GM13	Gamo-Hosp.	29	M	13	Cardiology
25	PM24	Pano-Hosp.	41	M	11	Surgeon
Key guide: Public Hospitals: AM, BM, CM, DM, FM and GM, Private Hospitals: HM, JM, KM, LM, NM, MM & PM						

Table 2 Focus Group Brief

Serial no	Codes	Name of Hospital	Age	Gender	Years of Experience	Specialties
Public Hospitals						
1	AMF1	Amo-Hosp.	43	F	11	Gynaecology
2	BMF2	Bamo-Hosp.	46	M	14	Cardiology
3	XMF3	Xamo-Hosp.	29	F	7	Obstetrics
4	YMF4	Yamo-Hosp.	37	M	13	Haematology
Private Hospitals						
6	WMF5	Wamo-Hosp.	45	M	16	Radiologist
7	GMF6	Ramo-Hosp.	52	M	10	Surgeon
8	ZMF7	Zamo-Hosp.		F	9	Paediatrics
Key guide: Public Hospitals: AMF, BMF, XMF & YMF Private Hospitals: WMF, GMF & ZMF						

A Critical Discourse Analysis of the Link between Professional Culture and Organisational Culture

Abstract

Purpose – Despite the fundamental role of culture in an organisational setting, little is known of how organisational culture can be sometime determined/influenced by professional culture, particularly in the global south. Using Nigeria as a research focus, this article uses critical discuss analysis to examine the link between professional and organisational culture.

Design/Methodology/Approach – This study uses qualitative research approach to establish the significance of professional culture as a determinant of organisational culture among healthcare organisations.

Findings – We found that the medical profession, in Nigeria, is replete with professional duties and responsibilities, such as professional values and beliefs, professional rules and regulations, professional ethics, eagerness to fulfil the Hippocratic Oath, professional language, professional symbols, medicine codes of practice, and societal expectations, all of which conflate to form medical professionals' values, beliefs, assumptions, and the shared perceptions and practices upon which the medical professional culture is strongly built. Thus, making the medical professional culture stronger and more dominant over the healthcare organisational culture.

Research Limitations/Implications – The extent to which the findings of this research can be generalised is constrained by the limited and selected sample of the research.

Practical Implications – The primacy of professional culture over organisational culture may have dysfunctional consequences for HRM, as medical practitioners are obliged to stick to medical professional culture over human resources practices. Hence, human resources departments may struggle to cope with the behavioural issues that arise due to the dominant position taken by the medical practitioners. This is because the cultural system (professional culture), which is the configuration of beliefs, perceived values, code of ethics, practices, etc. shared by medical doctors, subverts the operating system. Therefore, in the case of healthcare organisations, HRM should support and enhance the cultural system (the medical professional culture) by offering compatible operating strategies and practices.

Originality/Value – This article provides valuable insights into the link between professional culture and organisational culture. It also enriches debates on organisational culture and professional culture. We therefore contend that a strong professional culture can overwhelm and eventually become an organisational culture.

Keywords: Organisational culture, professional culture, healthcare practitioners, medical doctors, cultural interplay, critical discourse analysis, CDA

Introduction

The dominance of organisational culture in management and organisational research over the past three decades is a recognised fact (Ogbonna and Harris, 2014). The exponential interest in the concept is perhaps because many successful academic careers have been built on studies addressing sundry aspects of culture (Hofstede, 1980; Smircich, 1983; Schein, 1984; Schein, 1985; Torsello, 2019). Similarly, business and organisation practitioners' interest in research on organisational culture has remained strong, with many studies highlighting business executives' approval of the importance and advantages of good and proactive culture management (see Worrall, Parkes and Cooper, 2004; Pfister, 2009).

Professionals, however, occupy a vital and powerful role in the society because they have specialised knowledge that not every member of society has but which is very important to the life of the society (Bedzow, 2019; Brien, 1998). This assertion supports the study of Hughes (1958), in which he argues that one of the unique attributes of a profession is that its members have specific and distinctive expertise that a non-professional does not have.

However, empirical studies on professional culture do not match the catalogue of research that has been undertaken on organisational culture over the years, and the dearth of empirical evidence in the literature about the relationship between professional and organisational culture is evident (see Smith and Webster, 2009). Specifically, Degeling et al. (2001) note that there is a dearth of critical scholarly perspectives that corroborate the interplay between organisational culture and the professional groups working within an organisation.

We therefore employ critical discourse analysis (CDA) to analyse the data. CDA deals with how texts represent organisational and social practices (Fairclough, 1992), emphasising the understanding of power relations, cultural dynamics (Wodak and Meyer, 2009), organisational rhetoric (Koca-Helvaci, 2015), and the 'representation gap' (Acas, 2012, p. 2) among others. By using CDA, we respond to the call by Bailey, Townsend and Luck (2009, p. 285) to broaden perspectives on 'new industrial relations' and organisational behaviour discourse with the aim of allowing alternative views and voices to be heard (Legge, 1995).

CDA can be instrumental in bringing alternative views to the fore (Fairclough, 2014), specifically concerning how professional culture can overwhelm organisational culture. This is because professionals occupy crucial and powerful roles in society by using their uncommon specialised knowledge for the overall benefit of society (Brien, 1998). Our approach is consistent with prior studies (Bailey et al., 2009; Koca-Helvaci, 2015; Ford and Gillan, 2016)

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3 that have also used CDA to explore organisational behaviours, albeit in the context of
4 employment relations and human resource management (HRM) (Vaara and Tienari, 2008).

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7 This article thus makes two important contributions. First, it contends that a strong professional
8 culture can overwhelm and eventually become an organisational culture, which every member
9 of organisation will embrace and hold in high esteem. Second, it contributes to the extant
10 literature on organisational culture by bringing the relationship between professional culture
11 and organisational culture to the fore. These contributions add value to and provide relevant
12 insights on organisational culture for researchers and practitioners.

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15 Therefore, this article provides an opportunity to enhance our understanding of professional
16 and organisational culture and its attendant implications for employees and organisations. In
17 pursuing these objectives, we use a qualitative research approach involving face-to-face semi-
18 structured interviews with 44 health professionals (medical doctors) in Nigerian health
19 organisations (hospitals).

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22 Nigeria, a country that constitutes an under-researched setting in terms of this subject and
23 whose healthcare sector is under the shadow of underdevelopment has been chosen as the
24 research focus of this article. Additionally, Nigeria arguably represents one of the most
25 important players in developing countries in terms of discourse and issues on organisational
26 culture and professionalism due to its population size, which is estimated at over **200 million**
27 **people (Worldometers, 2020).**

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30 Thus, the main research question that this study aims to answer is: What is the link between
31 professional culture and organisational culture? The sub-research questions are: (a) what is the
32 notion of professional culture and organisational culture and what differences exist between
33 the two types of culture? (b) What conflicts exist between professional and organisational
34 culture and which takes priority when they conflict? (c) Which of the cultures is dominant in
35 an organisation and why?

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38 In answering the above questions, the study employs CDA to unpack a lexical pattern and
39 strategies to establish the health professionals' views on the potential of professional culture
40 for shaping organisational culture. This article is structured as follows. The article starts with
41 a brief overview of organisational cultures, followed by a discussion of professional culture.
42 The nexus between professional culture and organisational culture is then discussed, followed
43 by a discussion of medical culture and the theoretical lens for the study. Subsequently, an
44 explanation of the methodology employed in the study is given, along with an analysis of the
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3 findings thereof. The article concludes with a discussion of the findings and an outline of the
4 implications.
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7 **Organisational Culture in Context**

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9 Although Smircich's (1983) description of culture as a 'root metaphor' and Schein's (1985)
10 levels of culture (artefacts, values, and assumption) were targeted at improving clarity
11 concerning the definition of organisational culture, yet several competing frameworks have
12 further added to the complexity concerning the study of the concept over the years (Ogbonna
13 and Harris, 2014). There are varying perspectives according to which culture can be explored,
14 and choosing a specific perspective as the most apt can be misleading (Bourn and Ezzamel,
15 1986).
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22 Culture is an abstraction that produces powerful forces that dominate and control people in
23 their social and organisational lives (Mathew, 2019; Schein, 2010), and it is inseparable from
24 an organisation (Smircich, 1983). Culture is a collective programming of minds that
25 distinguishes members of one group from another (Hofstede, 1991). In a broad sense, it is an
26 integrated pattern of human behaviour involving language, thoughts, communications, actions,
27 beliefs, customs, values, and institutions of racial, ethnic, religious, or social groups (Office of
28 Minority Health, 2002; Boutin-Foster, 2008).
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35 Building on this definition, however, organisational culture can be defined as 'the pattern of
36 shared values and belief that help individuals understand organisational functioning and thus
37 provide them with norms for behaviour in the organisation' (Deshpande and Webster, 1989, p.
38 4). For Schein, (1985), organisational culture refers to the values, beliefs, traditions and
39 practices shared by an organisation's members. However, despite the panoply of studies on
40 organisational culture (more than 4,600 articles have been published on the concept since 1980
41 [Pinho et al., 2014]), there is no universally accepted definition of the concept (Riivari et al.,
42 2012).
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50 However, a critical look at all the definitions shows there is a consensus among organisational
51 researchers that organisational culture dictates to the organisation's members what is
52 acceptable within and outside the organisation and what is not (see Hofstede, 1980; Schein,
53 1985; Deshpande and Webster, 1989). Some organisations do not care about what their
54 members do outside the organisations, but some strongly emphasise what they do outside the
55 organisation. For example, army officers are expected to comport themselves in an honourable
56 and polite manner even when they are not on duty, and violation of this code of conduct attracts
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3 a severe punishment. Each organisation has its unique culture that develops overtime to reflect
4 the organisation's identity (Day, 2020; McDermott and O'Dell, 2001). However, many
5 researchers have highlighted the importance of subculture in cultural research (see Van Maanen
6 and Barley, 1985; Morgan and Ogbonna, 2008).
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10 Parker (2000) pointed out the linguistic problems associated with the term 'subculture' and
11 argued that these problems reduce the explanatory power of subculture in organisational study.
12 Morgan and Ogbonna (2008) are nevertheless resolute in their argument that the term
13 'subculture' does not denote inferior, subordinate, or dysfunctional culture in any respect:
14 rather, it means that organisational culture is a combination of many cultures. It should be noted
15 that the primary objective of this study, however, is not to provide an extensive review of the
16 definitions of organisational culture. Rather, its aim is to unpack the essence of professional
17 culture within the ambience of organisational culture. This will enhance our understanding of
18 professional culture within the framework of this study.
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26 **Understanding Professional Culture**

27 Professionals are fundamentally distinct from those performing other non-professional jobs in
28 terms of their specialised expertise (Hughes, 1958), symbols (Greenwood, 1957), esoteric
29 knowledge, and unique languages (Helmreich and Merritt, 1998). The main elements of a
30 profession and therefore professionalism are autonomy and protection of independence
31 (Freidson, 1970). The culture of a profession is deeply rooted in its group members by a sheer
32 sense of unity and bonds of collective identity (Goode, 1957). Van Maanen and Barley (1985)
33 refer to these groups as 'occupational communities', which create and sustain unique work
34 cultures consisting of ritual tasks and standards for proper behaviour and code of practice, many
35 of which override any new work arrangements introduced by new managerial practices (also
36 see Kessler and Purcell, 1996).
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46 Professional culture develops as different professions evolve, and it is deeply attached to their
47 history and other social factors (Hall, 2005). Typically, the values and norms of a profession
48 are sustained and exemplified by the senior members of that profession. These values and
49 norms are then passed onto the new members. Therefore, professional culture is a collective
50 programming of the minds of occupational groups (Herkenhoff, 2010), which specifies
51 behaviours that are proper and acceptable in each profession (Boyatzis, 1982). Professional
52 culture is often shaped and guided by the profession's history, the attributes of the professional
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3 tasks, the associated risks and responsibilities, and the characteristics of its members
4 (Helmreich and Merritt, 1998).
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7 Professional culture not only dictates tasks and social norms at work, it also defines the entire
8 work environment, including what makes sense (in terms of behaviours) and the necessary
9 procedures among a professional group (Rapisarda et al., 2020; Janus and Browning, 2014). It
10 has a substantive inertia, and change requires time and a sequence of interventions (Helmreich
11 and Merritt, 1998). It should be noted that even though professional culture is often classified
12 as a subculture of a national or organisational culture (Hofstede, 1980; Scott et al., 2003), in
13 some cases, it is stronger, distinct, and influential (Helmreich and Merritt, 1998), and it
14 overrides organisational culture and becomes dominant. This always happens in organisations
15 dominated by professional employees (Bloor and Dawson, 1994). According to Ott (1989, p.
16 80), the culture of an organisation dominated by professionals will be hugely influenced by the
17 professional culture of those professionals.
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27 Furthermore, observations by Bloor and Dawson (1994) have suggested that professional
28 culture is similar to organisational culture as long as it exists within an historical context and a
29 professional environment that shapes the professionals working practices and professional
30 codes, beliefs, values, and rites. Professional culture provides cultural values and practices that
31 are adapted into organisational culture. Therefore, the symbiosis between professional culture
32 and organisational culture is not conflictual; rather, it is mutually interwoven.
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38 **The Nexus Between Organisational Culture and Professional Culture**

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40 Culture is a multifaceted framework within which individuals and groups function (Helmreich
41 and Merritt, 1998). This attribute of culture applies to both organisational culture and
42 professional culture. It is important to understand the similarity between these two cultures.
43 Just like an organisation, a profession is a group of people who share values, attitudes
44 (Helmreich and Merritt, 1988), norms and assumptions (Schein, 2010), and social ideals and
45 beliefs (Janus and Browning, 2014).
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51 Organisations differ in their components and skills. Some organisations employ different types
52 of professionals, while others are predominantly non-professional in their type and therefore
53 employ few specialist professionals. The number and importance of professionals working
54 within an organisation will determine how organisational culture and professionalism affect
55 each other (Bloor and Dawson, 1994). Professional culture is a collective programming of the
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3 minds of occupational groups (Herkenhoff, 2010) and specifies the behaviour that is proper
4 and acceptable in each profession (Boyatzis, 1982).
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7 However, the professional culture of medicine is an essential part of the medical system (Scott
8 et al., 2003). It is so strong that it is dominant in health organisations and is often regarded as
9 the culture of the organisation (Montgomery et al., 2009; Scott, 2003). The medical profession
10 involves a great deal of professional responsibilities and duties beyond the actual role of
11 treating patients (such as professional beliefs, professional rules and regulations, professional
12 ethics, compliance with the Hippocratic Oath, and societal expectations) that conflate and form
13 their values, beliefs, basic assumptions, and the shared perceptions and practices upon which
14 the profession's culture is strongly built.
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22 Despite that, a professional culture is a subculture of organisational culture, it is strong,
23 dominant, and often referred to by health professionals as their organisational culture.
24 Furthermore, a study by Bloor and Dawson (1994) suggests that professional culture is similar
25 to organisational culture if it exists within an historical context and professional environment
26 that shape the professionals' operating practices and professional codes, beliefs, values, and
27 rites. Professional culture provides cultural values and practices that are absorbed into
28 organisational culture. Therefore, the relationship between professional culture and
29 organisational culture is not conflictual; rather, it is mutually interwoven. In medicine,
30 however, organisational culture is a good representation of professional culture. Organisational
31 culture is treated as synonymous to professional culture in this study.
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40 **Medical Culture**

41 It has been argued that culture is an organisational feature that cannot be easily copied (Schein,
42 2010; Ireland and Hitt, 1999). This is consistent with the claims that every organisation has its
43 own unique and specific culture (Sun, 2008). In medicine, according to Bloor and Dawson
44 (1994), both professions and organisational cultures are products of their histories, and internal
45 and external factors similarly shape both. The culture of medicine can be described as the
46 language, thought processes, styles of communication, customs, and beliefs that characterise
47 the profession of medicine (Boutin-Foster, 2008). However, Bloor and Dawson (1994) argue
48 that medical culture comprises a collection of interacting subcultures that allow health
49 professionals to interact and develop new knowledge and extend their cultural boundaries.
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57 Moreover, a hospital is an organisation or a work setting that assembles a group of
58 professionals, each with its specialised knowledge and interests as well as its own values and
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3 norms. Nonetheless, a hospital's organisational culture is not homogeneous; in fact, it is a
4 complex institution with multiple and conflicting goals (Karassavidou and Glaveli, 2011).
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7 Hospitals vary in their cultures (Speroff et al., 2011). They are multicultural organisations with
8 different subcultures within distinct professional and occupational groups, divisions, and teams
9 working together (Karassavidou and Glaveli, 2011). Most literature on organisational culture
10 has not been matched by a parallel assessment of organisational culture in a hospital setting.
11 Thus, limited attention has been paid to the healthcare work environment and how it influences
12 prominent individuals such as doctors and nurses and even the organisational outcomes
13 (Rathert et al., 2009; Montgomery et al., 2011).
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16 Hospital culture is part of medicine's professional culture, and this culture defines the
17 professionals who are working in health organisations. Despite the common bonds and the
18 spirit of unity among medical professionals, medicine does not have a monolithic culture.
19 Rather, there are subcultures that develop around various specialties (such as anaesthesia,
20 surgery, and pathology) and members of each group differentiate themselves from other groups
21 (see Helmreich and Merritt, 1998).
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32 **Conceptual Framework**

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34 In the past 30 years or so, organisational culture has undoubtedly remained a dominant topic
35 in management and organisational studies (Ogbonna and Harris, 2014). Furthermore, as the
36 extant literature has evidenced (Hofstede, 1980; Smircich, 1983), the growing interest in the
37 concept may not be limited to the sundry cultural ethos that has successfully shaped and
38 influenced academic career paths in recent times. Specifically, field commentators such as
39 Worrall et al. (2004) and Pfister (2009) observed the rise in the number of business executives
40 acknowledging their approval of proactive management dynamics, central and advantageous
41 to sound organisational culture.
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48 Nonetheless, while organisational culture is continuing to gain traction, not very much has been
49 done by contemporary field scholars and practitioners to unearth the imperatives of
50 professional culture in the shaping of organisational culture (Degeling et al., 2001). In his
51 ground-breaking study of professionalism and societal matters, Brien (1998) noted that
52 professionals occupy a vital and powerful role in society, given their unique specialised
53 knowledge and expertise (among other attributes) that according to Hughes (1958), non-
54 professionals do not have. It is therefore important to explore this view, according to which
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3 professional culture is indeed the bedrock for building sound organisational culture. In bringing
4 this alternative perspective to bear in the discourse on Nigeria's organisational ethos, CDA,
5 which relies on text and context offers critical perspectives to organisational behaviours,
6 practices, and rhetoric (Fairclough, 1992; Wodak, 2001), can be appropriated to help identify
7 the professional/organisational cultural link.
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12 As Wodak (2000) notes, CDA ruptures human/organisational reality in social (Fairclough and
13 Wodak, 1997), cultural (Fairclough, 2003), political (Peled-Elhanan, 2010), economic
14 (Graham and Luke, 2011), and ideological (Fairclough, 1992, 2014) contexts, all of which can
15 be instrumental variables in revealing the nexus between professional ethos and organisational
16 culture. For Van Dijk (2008a; 2008b), CDA is a problem-oriented and multi-modal meaning-
17 making language tool. It explores how language/discourse is used to understand organisational
18 beliefs, values, and associated ways of doing things. In Lawton's (2013, p. 107) words, it is a
19 process of understanding 'language in use'.
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27 Bray et al. (2005) explained that CDA has inherent appeal for industrial relations (IR) and
28 organisational behaviour scholars. It aims to 'uncover, demystify, or otherwise challenge
29 dominance...CDA is thus "engaged and committed", representing "a form of intervention in
30 social practice and social relationships"' (Bray et al., 2005, p. 10). Hence, CDA is thus
31 consistent with the approach of this current study i.e. the perspective of professional-
32 organisational culture. It is also committed to pursuing inter and multidisciplinary research to
33 further understand issues surrounding work and related phenomena that are sensitive to
34 differing ideological views (Bray et al., 2005), from, for instance, professional and
35 organisational culture can be evaluated.
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43 Furthermore, this article maintains that linking professional culture to organisational culture
44 essentially begins with micro-level issues, such as language choice and use, developing to
45 frame organisational discourse (meso-level issues), and then dealing with wider societal issues
46 (macro-level issues) (Fairclough, 2014). We argue that exploring these types of micro-level
47 (discursive) elements can help to understand the contradictions, complexities, and ambiguities
48 in making this link that easily pass unnoticed in more traditional approaches to text analysis
49 (Wodak and Meyer, 2009). Hence, texts and contexts constitute a sense-making arena (Wodak,
50 2001), which can help in understanding the professional-organisational cultural nexus. Thus,
51 choice of words (diction) or lexis is not framed essentially by organisations; rather, it is shaped
52 by patrimonial, institutional, and cultural paradigms that are prevalent in a social space
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(Fairclough, 1995). In operationalising this, lexicalisation (use of lexis or choice of words) is rooted in some definite ideologies, cultures, and social norms and values (Van Dijk, 2008a).

Research Methodology

We adopted a qualitative interpretivist method in analysing the data for this study. This means that words were used to interpret social reality. We considered reality as the result of social construction and interaction (Silverman, 2006). Furthermore, given that the research is exploratory in nature and seeks to identify a range of factors that impact organisational behaviour (culture and professionalism), the qualitative method surpasses the problems of categorical imposition that are characteristic of survey research. Therefore, our approach represents participants' opinions more accurately (Alvesson and Deetz, 2000). We consequently sought an understanding of the link between professional culture and organisational culture in Nigeria premised on the views of key stakeholders: medical practitioners (doctors) in both public and private hospitals (Saunders et al., 2012).

The disparity in individuals' views sought through interviews and focus groups (and shadow reports) thus support the multiple perceptions on reality that are consistent with the interpretivist method. Consequently, it was vital to identify a data collection tool that would be consistent with the qualitative interpretivist method. Accordingly, following Patton (2012), 'there is a very practical side to qualitative research methods that simply involves asking open-ended questions of people...in real-world settings in order to solve problems' (p. 89). Hence, we use interviews and a focus group. The study is inductive, meaning that the theory was not tested. However, the data gathered shapes new ideas and frames direction of research (Silverman, 2006).

Twenty-five face-to-face semi-structured interviews were conducted with medical doctors in Nigeria. The interviews lasted between 50 and 90 minutes. They were digitally recorded and transcribed verbatim. The semi-structured nature of the interviews permits flexibility and also enables the identification of the voice inflections, emotions, and body language of interviewees (Saunders et al., 2012), especially when dealing with sensitive matters/issues (Okpu, 2016).

As noted by Bryman (2012), the use of semi-structured interviews enables us to gather specific and rich data that is vital to achieving the research's aim and objectives. As a two-way communication process, the data gleaned from this exercise gave us the platform to ask more questions stemming from the reactions of the participants concerning what can be regarded as a significant response.

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3 A focus group session (involving seven participants in each session) was also conducted and
4 lasted about 75 minutes. Focus groups help in gaining diverse but congruent views, which
5 interviews might not provide (Bryman, 2012). It is an ‘information rich’ tool, pertinent for
6 achieving ‘data saturation’ (Krueger and Casey, 2000, p. 25) when combined with the interview
7 method. Focus groups further encourages participants to give genuine information unwittingly
8 through its interactive mechanism, which increases validity. The focus group sessions help to
9 identify trends in thoughts and patterns of events without persuasion from the facilitator.

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12 In terms of the sampling method, the interviewees and discussants in both interviews and focus
13 group sessions were medical doctors in Nigeria. Hence, they were familiar with the Nigerian
14 healthcare sector and the cultures thereof. Importantly, the respondents all met the eligibility
15 criteria: registration with the Medical and Dental Council of Nigeria (MDCN), an umbrella
16 association for all doctors practising in Nigeria.

27 **Insert Table 1 about here**

28 Table 1 provides a detailed list of the participants in the study. The focus group involved seven
29 medical practitioners. It is worth noting that size is not really an issue in qualitative research
30 methods (Bryman, 2012). What matters is data saturation (Patton, 2012), which helps
31 researchers to know if they have reached a stage at which further interviews are not uncovering
32 new themes (Saunders et al., 2012).

37 **The Analytical Framework**

38 Data was transcribed manually immediately after the interviews. We iteratively went over the
39 data to locate the overriding themes concerning the components of medical culture, the notion
40 of professional culture and organisational culture, and the dominant culture in the medical
41 practices. We used CDA to identify and analyse eight professional dynamics (duties and
42 responsibilities) among Nigerian healthcare practitioners. These dynamics include professional
43 values and beliefs, professional rules and regulations, professional ethics, eagerness to fulfil
44 the Hippocratic Oath, professional language, professional symbols, medicine codes of practice,
45 and societal expectations. The medical culture is strongly built on these professional dynamics.
46 In terms of operationalising CDA, we use the texts extracted from the data sources – focus
47 groups and interview – as a reflection of professional culture, which influences the
48 organisational culture in Nigeria (Fairclough, 1992, 2014). CDA provides the linguistic tool
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3 that helps us to understand the legitimatisation of professional culture over organisational
4 culture through discourse (Wodak, 2000).

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7 As a framework for understanding text and context (Wodak and Meyer, 2009), CDA
8 interrogates how rhetoric enables an understanding of how power discourses are constructed,
9 reproduced and legitimised institutionally (Fairclough, 2003). This is what Lawton (2013, p.
10 107) refers to as understanding ‘language in use’.

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13 After conscientiously reviewing the text corpuses, three discursive strategies were consistent
14 in the data and therefore deserve exploration. They also portray intertextuality (congruence) in
15 themes from different sources (Kristeva, 1980). This process is what Dijk (2008) calls thematic
16 ‘coherence’, which Wolf (2004) equates with the ‘single kernel’ recognisable pattern that
17 shapes lexical patterning. Lexical patterning deals with word choice and word creation
18 strategies (Fairclough, 2014). Lexical patterning i.e. lexicalisation helps to explain the meso
19 and macro-level issues that are implicit in the use of language (a micro level issue).
20 Lexicalisation refers to systems in ideology, which is a mosaic of cultural conventions,
21 economic, social, and political belief systems as well as institutional norms and values (Van
22 Dijk, 2008a, 2008b).

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25 In fact, Lassen et al. (2006) advised that we must peep into the fundamental ideological
26 connotation behind every piece of communication (discourse) so as to appropriately understand
27 rationale for choice of word (lexical choices). Lexis is level of linguistic coding in text creation,
28 at which truths can be embodied (or misrepresented) with a good measure of freedom and
29 leverage. Therefore, central to lexicalisation (semantic-functional analysis) is that social
30 cognition is formed and shaped by internal mental structures, such as language, which are
31 created as people draw inferences and gather information about their social environment
32 (Carley, 1992). CDA helps to understand thematic relationships that exist in language choice
33 and links them to wider societal issues (Wodak and Meyer, 2009; Fairclough 1992; 2003).

34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 **Data Source**

50 We used a multi-method qualitative study (MMQS). This method encourages the use of
51 multiple data sources (Saunders et al., 2012), which is essentially a mixture of semi-structured
52 interviews and focus groups. With the aim of ensuring anonymity and confidentiality,
53 participants’ information was coded (Bryman, 2012).

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58 **Insert Table 2 about here**

Research Findings

The findings of this study reveal the significance of professional culture over organisational culture in health organisations. Medical doctors place a huge importance on their professional culture, which is predicated on the dynamics of various duties and responsibilities. Three main themes emerged from the data: (1) the components of medical culture, (b) the notion of professional culture and organisational culture, and (c) the dominant culture. These themes are deeply embedded in the medical doctors' professional culture and are stronger than the health organisation's (hospital) culture. As this is a semantic-functional study, driven by function and meaning of words, our analysis focuses on meaning of lexes (Leech and Short, 2007).

Components of Medical Culture

Broad and detailed interviews with Nigerian health professionals (doctors) revealed that medical professional culture is replete with sundry fundamental strands of duties and responsibilities, all of which conflate to form the culture to which every medical professional must strictly adhere. These duties include professional beliefs, professional rules and regulations, professional ethics, compliance with the Hippocratic Oath, societal expectations, and the profession's esoteric language, symbols and codes of practice. It is implicit that the medical profession has some age-old norms and practices that are laid down by generations of doctors and that have come to be the embedded culture of the profession. The Hippocratic Oath is an historic oath taken by medical doctors. The oath binds and compels medical doctors to uphold certain ethical standards. The Hippocratic Oath is historical, espousing the traditional values of the medical profession, and it is considered a rite of passage for practitioners of medicine around the world. However, the modern version of the Hippocratic Oath varies from one country to another. The Oath was written about 2,500 years ago and is required from medical students upon graduation or receiving a licence to practice medicine. Everything in it is about medical doctors' conduct, principles, rules, and practices, and they are obliged to follow everything therein to the letter. For instance, a part of the Hippocratic Oath stipulates that *'I will use treatment for the benefit of the ill in accordance with my ability and my judgment, but from what is to harm and injustice I will keep them...About whatever I may see or hear in treatment, or even without treatment, in the life of human beings, I will remain silent, holding such thing to be unutterable'* (see Sokol, 2008; Miles, 2004). One participant said:

The Hippocratic Oath is a ritual that must be performed and followed by every medical doctor...It is an important culture of the medical profession...perhaps the most important (AM1).

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3 The importance of the Hippocratic Oath as one of the components of medical professional
4 culture cannot be overstated, and health professionals (medical doctors) hold it in very high
5 esteem. Furthermore, medical doctors have symbols that differentiate them from laypersons
6 and members of other professions. The symbols are universal so that members of the medical
7 profession are readily recognisable. According to a participant:
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12 *Medicine is characterised by certain symbols that, over the years, have become part*
13 *of the medical culture. The caduceus badge, the long white coat with a stethoscope*
14 *loosely carried around doctors' neck. These symbols are exclusively medical, and they*
15 *are part of medical professional culture everywhere in the world (AM3).*
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18 This assertion that the symbols of medicine are universal and are part of the medical
19 profession's culture is echoed by Greenwood (1957) and further supported by Helmreich and
20 Merritt (1998). Codes of practice are another component of medical professional culture. It is
21 a framework for good practice in management in medicine, developed to promote safety and
22 define healthcare workers' responsibilities. It varies among hospitals depending on the
23 specialities of the hospital. One respondent said:
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30 *The medical codes of practice are aimed at ensuring that health professionals operate*
31 *in a professional, ethical, and transparent manner and that they also provide society*
32 *with robust and high-quality healthcare services...medical codes of conduct are as*
33 *old as the profession itself, and they are part and parcel of the profession's culture.*
34 *In fact, strict adherence to them is what defines a physician as an excellent medical*
35 *doctor (GMF6).*
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38 Professional values and beliefs are also part of medical professional culture, and according to
39 one participant, professional values and beliefs are abstract and learnt subconsciously in
40 medicine. The participant explains:
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44 *Professional values and beliefs are abstract. They are not necessarily thought about*
45 *in medical schools but medical doctors learn them through observational*
46 *learning...they are passed down from generation to generation of doctors. Somehow,*
47 *they are part of medical professional culture (DM8).*
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50 The medical profession has rules and regulations that guide it and vary from one country to
51 another. Even within the same country, the rules and regulations sometimes vary from one state
52 or county to another. These rules and regulations bind health professionals' conduct and
53 practices that must be firmly adhered to. A participant summed it up as follows:
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57 *Medicine has an age-old culture...this culture is an amalgamation of different medical*
58 *norms, such as the Hippocratic Oath, professional ethics, professional rules and*
59 *regulations, professional values and beliefs, the symbols, language, and the codes of*
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3 *practice, and of course societal expectations...all of these form a very strong medical*
4 *professional culture (ZMF7).*
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6 This statement resonates with the Office of Minority Health (2002) and Boutin-Forster's (2008)
7 meaning of culture as an integrated pattern of human behaviour, which includes language,
8 thoughts, communications, actions, beliefs, customs, values, and the institution of racial,
9 ethnic, religious, or social groups. Overall, all the components are the constituents of medical
10 professional culture, and medical professionals (medical doctors) clearly state that they form a
11 very strong medical culture. Essentially, the discursive instrumentality of CDA facilitates
12 harmonising these components in order to help deepen our understanding (Wodak and Meyer,
13 2009) of the reality of medical culture in Nigeria. According to Fairclough (2000), discourse
14 is a definite way of talking and understanding the world that explains the impact of language
15 (a micro-level element) on depicting organisational action through discourse (a meso-level
16 element) (Fairclough, 2000), including the doctors' practices and standards, which in turn
17 reflect social realities (a macro-level element) (Wodak and Meyer, 2009).
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29 **The Notion of Professional Culture and Organisational Culture**

30 Medical doctors define professional culture as an amalgamation of the profession's beliefs,
31 values, symbols, language, codes of practice, rules and regulations, with the Hippocratic Oath
32 as a major part of the culture. The participants believe that organisational culture in health
33 organisations deals very much with administrative issues rather than operational matters. The
34 following quotations typify the shared views of the interviewees:
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40 *Medical professional culture is a combination of medical profession's age-old rules*
41 *and regulations, the Hippocratic Oath, values and beliefs, medical codes of conduct,*
42 *and our symbols and unique language...all these form our professional culture that,*
43 *to me, is also the health organisational culture (BM5; the majority of the respondents*
44 *shared the same view).*
45

46 Another participant commented:
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49 *The culture of the medical profession combines all the dos and don'ts in medicine that*
50 *include the Oath doctors swear to at the end of their studies in medical*
51 *school...doctors are expected to act and practice within the confinements of these*
52 *rules and regulations...they are the professional culture of medicine and, if you like,*
53 *they are also the organisational culture (FM10; This view is shared by many*
54 *participants).*
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3 A surgeon who is also the chief medical director of the hospital commented:
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6 *Most doctors will tell you that medical professional culture is also its organisational*
7 *culture, because doctors are bound to the culture of their profession...However, there*
8 *is a bit of a difference between the two...medical professional culture is the*
9 *combination of all medical norms, rules, and regulations, including our values,*
10 *beliefs, symbols, languages, professional ethics, medical practice codes of conduct,*
11 *the Hippocratic Oath, and societal expectations. All these come together to form the*
12 *medical professional culture, and it has been like that for ages, while the*
13 *organisational culture of a health organisation deals with the managerial and*
14 *administrative issues (GM13).*
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16 The above quotes reflect the views of medical doctors regarding professional culture and
17 organisational culture. An overwhelming majority of the participants share the same opinion
18 as the gynaecologist (GM13). They believe that there is no difference between the culture of
19 the medical profession and its organisational culture because every medical doctor is bound to
20 the medical profession's culture. However, very few respondents who are also involved in the
21 management of their hospitals consider that there are slight differences between professional
22 culture and organisational culture in medicine, and they categorically stated that medicine's
23 professional culture should be given the highest priority in a possible event of conflict. A
24 participant reported that:
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33 *I do believe that there is a slight difference between medicine's professional culture*
34 *and its organisational culture...I hold this opinion probably because I am also part of*
35 *the hospital management team. Medicine profession's culture encompasses all the*
36 *medical norms, rules, and regulations regarding medical practice, the symbols, the*
37 *language, the dress, and the medical codes of practice. Meanwhile, organisational*
38 *culture includes administrative issues and how the hospital is managed. However,*
39 *whenever there is a conflict between the two cultures, the medical professional culture*
40 *gets the highest priority (AMF1).*
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44 A participant shared her experience about how the medical professional culture overrides its
45 organisational culture when the two cultures clash:
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48 *There was an emergency while I was on duty a few months ago. A pregnant woman*
49 *was involved in an accident and an immediate operation was urgently required to*
50 *save her life and that of her unborn child...the culture of the hospital is that 50% of*
51 *the operation's fee must be paid before the operation, but the woman had no money*
52 *on her and she was bleeding quite profusely. I had to snub the organisational culture*
53 *and went ahead with the operation, even though the hospital manager, who is not a*
54 *medical doctor, was very angry with me (DM9).*
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3 Participants employed what Fairclough (2014) described as a discursive strategy to attenuate
4 'the consequences of the uneven enforcement' (Wood, 2008, p. 329) of organisational
5 directives in Nigeria.
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9 Short phrases and lexes such as *snub...organisational culture...* (DM9), *profession's culture*
10 *encompasses... all medical norms, rules, and regulations* (AMF1) hallmark the lexical
11 patterning in CDA (Wodak and Meyer, 2009). They demonstrate forceful confirmation (Laine,
12 2010) that most medical doctors believe that medical professional culture is the same as its
13 organisational culture. This notion prevails among health professionals because medical
14 professional culture is rampant in health organisations and pervades every activity in medicine.
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20 Furthermore, CDA has played an important role in uncovering the thematic relationship
21 existing in language choice (Fairclough, 2014). For instance, for the minority who believe there
22 is a slight difference between the two cultures (AMF1), professional culture is given priority
23 in an event of a conflict. As it can be noted from the above, CDA helps clarify how sociocultural
24 and professional knowledge can be linked to the performance of what Wodak and Meyer
25 (2009) referred to as 'speech act'. For instance, a participant also recalled an incident in which
26 the two cultures clashed and how professional culture was given the highest priority (DM9).
27 These findings resonate with the claims of Helmreich and Merritt (1998) that medicine as a
28 profession has a strong and distinct culture. They further argue that the members of a
29 professional culture such as medicine often place high value on the norms of their profession.
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39 **The Dominant Culture**

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41 An overwhelming majority of the respondents said that the medical profession's culture
42 dominates all health organisations (hospitals). The participants believe that the medical
43 profession is unlike all other professions because it deals with human lives. According to them,
44 there are rules, regulations, and procedures that guide medical professionals and all these rules
45 and regulations must be followed to the letter in order for medical professionals to successfully
46 perform and fulfil their functions as lifesavers. The following quotation typifies their shared
47 views:
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54 *In this hospital and as in every other hospital in which I have worked in the past 21*
55 *years, medical professional culture is dominant over any other culture that may exist*
56 *in the hospital. This is simply because the medical profession has a traditional age-*
57 *old and very strong culture...* (WMF5).
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3 It is evident from the above statement, the use of ‘expert witness’ (Vaara et al., 2006) is a
4 discursive stratagem to foreground socially sanctioned, professional conduct, hence, use of pre-
5 existing narrative (expert testimonial) as a fountain of logic (Leeuwen, 2007). This strategy
6 helps us validate that medical doctors have an age-old professional culture that defines their
7 professionalism, identifies them as healers and lifesavers, and which is dominant in their
8 organisation. In other words, the dominance of the medical professional culture in health
9 organisations cannot be divorced from true medicine professionalism (see Helmreich and
10 Merritt, 1998). This finding is consistent with Ott’s (1989) argument that the culture of any
11 organisation dominated by professionals will be dominated by that professional culture.
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20 *Doctors are professionals, and we have the liberty to question any administrative*
21 *rules, laws, and/or opinions that stand at variance with medical professional*
22 *culture...Let me put it straight for you: health organisational culture is developed to*
23 *suit the medicine profession’s culture...and because health organisations are*
24 *dominated by medical professionals, medical professional culture is always dominant*
25 *(GM12).*
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28 The above extracts inhere lexes of dominance in which professional culture is discursively
29 assumed to have dominance over organisational culture. Essentially, this demonstrates how the
30 mechanics of CDA and the instrumentality of lexical patterning (Wodak and Meyer, 2009) can
31 help provide a critical perspective in organisational discourse and practice (Fairclough, 2014).
32 Lexical items, such as ‘professionals’ and ‘liberty to question’ help us paint a picture of the
33 ethical practices (Fairclough, 2014) that underpin professional culture, which influences
34 organisational culture (Pfister, 2009). This finding is shared by Freidson (1970) and Raelin
35 (1986). Professionals such as medical doctors have special rights in organisations due to their
36 status as professionals. These rights, as argued by Raelin (1986, p. 147), include discretion over
37 many of the parameters of one’s work and the freedom to question management regarding
38 decisions affecting professional endeavours. The data analysis concerning this perspective,
39 overall, suggests that medical professional culture is dominant over every other culture that
40 may exist alongside it in an organisation. What follows is a discussion and conclusion of the
41 study.
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54 **Discussion and Conclusion**

55 Following a careful evaluation of the studies on professional and organisational culture, it has
56 emerged that while there is much evidence of the relationship between organisational culture
57 and employee performance and between leadership style and performance and so on (see
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3 Denison, 1990; **Jabeen and Isakovic, 2018**; Kotter and Heskett, 1992; Ogbonna and Harris,
4 2000), studies on the interplay between professional culture and organisational culture has been
5 lacking. Furthermore, we argue that the discursive aspect of understanding this interplay, which
6 CDA's lexical instrumentality helps to facilitate (Fairclough, 2014), is crucial in this study.
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10 As demonstrated in this work, CDA offers a critical perspective on organisational reality
11 (Wodak and Meyer, 2009) and essentially highlights the relations of causality and the
12 discursive practices, events, and texts as well as the wider cultural structures to investigate how
13 such practices arise and are ideologically shaped (Fairclough, 2014). This approach has been
14 empirically explored in organisational behaviour studies (Francis, 2007). Using CDA, we have
15 provided an insight into the power of linguistic resources employed by organisations to portray
16 a positive self-image by legitimising culture and behaviour (Koca-Helvaci, 2015), in this
17 context, professional culture (Scott et al., 2003).
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25 This approach is a way of responding to the call by Bailey et al. (2009), Legge (1995), and
26 Watson (2004) to expand the confines of the literature on employment relations and
27 organisational behaviour in order to trigger a renewed consciousness in management among
28 other social science studies.
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33 In the main, this study has provided a valuable understanding of the interaction between
34 organisational culture and professional culture in Nigerian healthcare organisations. The aim
35 of the study has been to identify the major components of medicine professional culture and
36 examine the interplay between professional culture and organisational culture. The findings
37 suggest that there is a very strong professional culture in medicine, and medical professionals
38 (doctors) ascribe great importance to their profession's culture.
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44 The findings also revealed sundry components of medical professional culture, all of which
45 combine to form the medical professional culture. It is interesting to note that most of the
46 components of medical professional culture are traditional, historic, and age-old practices. For
47 instance, the participants spoke of the importance of Hippocratic Oath as a vital component of
48 the medical professional culture. The Hippocratic Oath has been around for more than 2,500
49 years. It is considered the bedrock of the medical profession's rules and regulations. The study
50 also revealed other important components of medical professional culture to demonstrate what
51 makes medical professional culture strong and formidable.
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58 A key contribution of this study is derived from the insight that despite that professional culture
59 is a subculture of organisational culture, the professional culture of medicine is strong and
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3 dominates organisational culture. For example, medical doctors have the liberty to shun the
4 bureaucracy and administrative rules of organisational culture and uphold the value of their
5 professional culture in cases in which the two cultures clash. **This resonates with Danielsson et**
6 **al.'s (2018) findings that professional subcultures in healthcare are very important for patient**
7 **safety.**
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12 This finding confirms the work of Raelin (1985, p. 163), who stated 'there is perhaps no greater
13 source of strain between managers and professionals than over the conflict between
14 bureaucratic and professional standards'. He thus argues that professionals, in the event of a
15 conflict, are permitted to uphold the purity of their professional knowledge without the
16 contamination of bureaucratic conditions in order to raise the standards of excellence in their
17 profession. This study also revealed that medical doctors respect their professional culture so
18 much that the overwhelming majority of them believe that medicine's professional culture is
19 the same as its organisational culture. Only a few who are also involved in the managerial
20 activities of the hospitals know that there are differences between the two cultures.
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25 An intriguing finding of this study revealed that the interplay between professional culture and
26 organisational culture resides in the fact that professional culture is a subculture of
27 organisational culture and that the two cultures are interwoven. Nevertheless, this study argues
28 that a strong professional culture, such as that of the medical profession, dominates the
29 bureaucracy and administrative rules and procedures of organisational culture. Helmreich and
30 Merrit (1998) note that medicine has a very strong culture that its members are proud of and
31 strictly adhere to. While this study is bound by the context of the research environment, future
32 research could replicate the study in different professions and contexts. It is hoped that this
33 study will stimulate further research and debate that will further broaden our understanding of
34 professional and organisational culture, especially in the global south.
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46 **Practical Implications**

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48 There is increasing interest in managing organisational culture as a lever for healthcare
49 improvement (Scott et al., 2003). We have also contended that CDA provides a finer-grained
50 and useful framework for understanding the cultural interplay and organisational practice in
51 healthcare organisations (Wodak and Meyer, 2009). In applying CDA (Wodak, 2001;
52 Fairclough, 2003) to the empirical data from Nigerian medical practitioners, this study
53 however, revealed that professional culture often overrides organisational culture in healthcare
54 organisations. Changing medical professional culture to conform to health organisational
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3 culture is difficult and risky due to the professional values, affirmed over centuries, which have
4 been embedded into the fabric of medicine's professional culture (Scott et al., 2003).

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7 The primacy of professional culture over organisational culture may have dysfunctional
8 consequences for HRM as medical practitioners are obliged to stick to medical professional
9 culture over human resources practices. Hence, human resources departments may struggle to
10 cope with the behavioural issues that arise due to the dominant position taken by the medical
11 practitioners. This is because the cultural system (professional culture), which is the
12 configuration of beliefs, perceived values, code of ethics, practices, etc. shared by medical
13 doctors, subverts the operating system, which is a significant implication for this study.
14 According to Bloor and Dawson (1994), professional cultures are difficult to replace.
15 Therefore, in the case of healthcare organisations, HRM should support and enhance the
16 cultural system (medicine professional culture) by offering compatible operating strategies and
17 practices. This would create an enabling environment in which both professional and
18 organisational goals will be achieved.
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