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**REVIEW ARTICLE** 

# PERSONAL DEVELOPMENT AND INTRINSIC MOTIVATION IN MEDICAL PROFESSION!

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### ABSTRACT

Although organizations strive to develop transformational leaders, frontline medical managers and directors are inadequately prepared lacking transformational leadershipbehavior. Organizational culture is the values that are shared by all older and younger members in the group along with their perceptions of the world. Implementing culture change needs recognition of adaptive challenges that require reframing of norms and expectations, and the development of novel and flexible solutions. Managers and administrators seeking to implement persondirected care will need to consider the role of adaptive leadership to address these adaptive challenges. To build transformational leaders, medical organizations and institutesmust balance formal leadership training programs with advanced degree attainment to encourage leaders to envision and blend with the future.

**KEYWORDS:** organizational culture change, medical institution, performance, leadership

#### **INTRODUCTION:**

Clinical leadership was not perceived as vesting leadership skills in individuals, but about ensuring that health care organizations are equipped to conceptualise and support a model of distributive leadership<sup>1</sup>. An innovative demonstration project that trailed the implementation of the Finnish workability framework and research measures provided a useful research workforce development instrument for measuring interactions between aged care workers, organizational demands and the outcomes of actions<sup>2</sup>. The collaborative study of community engagement relationships gave understanding of Clinical and Translational Science Award infrastructure development as part of translational research, expressed as logic model of better science, better answers, better population health<sup>3</sup>. A study done on surgeons revealed that, they were motivated by desire for personal development taking interesting challenge and new opportunities. Relocating to a new institution, financial gain, or lack of alternative played little to no role in their decisions to take positions of leadership. Orthopedic surgeons were found to make more effort to maintain health than compared to other physicians<sup>4</sup>.

### **EMPLOYEE SUPPORT AND CARE:**

Creative employees were needed for an organisation's innovation, productivity and sustainability. The survey

done by Lukersmith S and Burgess Limerick R, found health professionals perceived a requirement for improvement in job design and leadership factors at work to enhance and support employee creativity<sup>5</sup>.

Study done by Ornstein H and Baum N listed needed leadership characteristics and their application to physicians, their teams, and their practices<sup>6</sup>. Employees' intrinsic motivation was imperative to the effectiveness of leaders' efforts to promote safety behavior<sup>7</sup>. Research use in physiotherapy included an interactive and interpretative social process involving a great deal of interaction with various people, including colleagues and patients<sup>8</sup>. Team dynamics of training program were affected by the emotional intelligence of key members holding supervisory positions and by the existing culture and structure of the organization<sup>9</sup>.Leadership and emotional intelligence capability were potent in mitigating bullying behaviour, Disparity was found between dinical and managerial nurses towards preferred leadership styles<sup>10</sup>.

Improved medical education in pain was found essential preparinghealth care providers who manifest both competence and compassion toward their patients 11.

# TASK ORIENTED LEADERSHIP IN HEALTH CARE ENVIRONMENT:

Training in emotional intelligence (EI) must extend beyond graduate medical training to convene the skills needed by clinicians and by faculty in academic medical centers<sup>12</sup>.Leadership must be modeled and developed through the redesign of jobs in departments of health information services. Leadership capacity is needed for health information professionals to successfully respond constant changes in the healthcare environment<sup>13</sup>.To create a pipeline of effective health care leaders needs developing leadership competencies that differ from the usual criteria of clinical and scientific excellence by which physicians have been traditionally promoted to leadership positions<sup>14</sup>. High levels of task focus in a culture hindered cultural diffusion, even though correlated with this characteristic positively 15. As a narrative about the past, history was an explanatory tool which helps executives to make a change and motivate people to overcome challenges, serving as a potent problem solving tool, offering pragmatic insights, valid generalizations, and meaningful perspectives. A tool to cut down management fads and noise<sup>16</sup>. Compared to classrooms in comparison schools, classrooms in RULER schools were rated as having higher degrees of warmth and connectedness between teachers and students, more autonomy and leadership among students, and teachers who focused more on students' interests and motivations. RULER was a setting level, social and emotional learning program, grounded in theory and evidence<sup>17</sup>.Otto Rank invented modern objectrelations theory, advocating continual learning, unlearning and relearning: that was, cutting the chains that bind us to the past. Separating from outworn phases of life, including previously takenforgranted ideologies and internalized others, for developing self leadership<sup>18</sup>. Self centered facet of achievement striving was found to be the most vital predictor of attraction toward organizational cultures that were outcome based, aggressive, and emphasizing rewards<sup>19</sup>.No differences were noted with creativity and personality in relation to gender, except in self concept and in social adjustment. Positive and significant correlations were found between creativity and independence, cognitive control and tolerance personality scales in Creative Intelligence Test<sup>20</sup>. Four components of transformational leadership had application in nursing. These were idealised influence. inspirational motivation, intellectual stimulation and individual consideration<sup>21</sup>. Being able to motivate, empower and influence staff improved satisfaction and retention levels of team members. A manager's leadership style influenced motivation,

morale, and retention in staff, leaders were inturn influenced by their educational development and the organizational culture, that had impact on a manager's style, later on forwarded to the followers<sup>22</sup>. A positive relationship was noted between team empowerment and team proactivity, thus contributing to search for continuous improvement and innovative solutions to work problems employed by healthcare administrators and reducing the costs associated with losing high potential nurses in an organization <sup>23</sup>.A moderated mediation effect was found for self leadership natural reward and thought pattern strategies in a study between learning orientation and proactive work role performance through self leadership behavior focused strategies<sup>24</sup>.Transformational leadership was found appropriately applicable to physicians, and who are supervisors in medical education or practice as team members in outpatient settings<sup>25</sup>. Telephone nurses were capable of improving healthcare delivery<sup>26</sup>.

Quality	Specifics
Problem-solver	Shows initiative
	Critical thinker
	Analytical
	Ingenuitive, Creative
	Efficient
Visionary	Insightful
	Observant
	Big picture thinker
	Task oriented
	Results-oriented
Proactive	Anticipates changes or
	problems
	Prepared
	Prompt
	Being in the moment
	Courageous
Accountable	Honest
	Confident
	Accepts responsibility,
	Transparent
	Holds others accountable
	Self-aware
Influential	Motivational
	Worth following
	Good teacher/mentor
	Encouraging
	Humble, Trustworthy

Table 1: Qualities of Health care institutional leader

The study done by Lievens I and Vlerick P revealed that transformational head nurses have a key impact directly as well as indirectly, on the safety performance of subordinate nurses<sup>27</sup>.Positive relationship was found between relational leadership and a variety of patient outcomes, even though future testing of leadership models that examined the mechanisms of influence on outcomes was warranted<sup>28</sup>. Transformational leadership style was suitable for attaining employee satisfaction, for adequate handling of sickness protocols, and to cut down absenteeism, in a post merger specialty mental health setting<sup>29</sup>. Think tank method combined with "permission to fail" from nursing leadership was essential for success of a health care organisation. Lean Six Sigma principles and creativity tools from inside and outside of health care gave promising results<sup>30</sup>. Scores on the wish to be dead scale had modest correlations with a history of suicidal ideation and attempts and with scores on a scale to measure obsession with death. This scale that measured a state of mind different from suicidal ideation and obsession with death had the needed psychometric properties with reliability and validity<sup>31</sup>.

Financial and non financial incentives were responsible for workers' motivation to work in rural areas, but there was no significant factor influencing health workers' unwillingness to work in rural areas<sup>32</sup>. The study done by Brown E 2013, examined the concept of service learning as a teaching strategy and method to developing compassion in nursing students<sup>33</sup>.

Medical curriculum and training in Pakistan did not increase El abilities which are building blocks to develop competence among students and residents<sup>34</sup>. Involvement in bullying, either as victim, bully/victim or bully, increased the risk of developing psychotic experiences in adolescence<sup>35</sup>. The South Asian Royal College of General Practitionersexamination conferred greater confidence, new patient centred communication skills, introduced the use of evidence based guidelines and increased awareness of the UK health system to the participants in Sri Lanka<sup>36</sup>.In a study done on general practitioners, teaching was felt a low priority in comparison to competing dinical learning needs. The dinical dominance to both formative and summative assessment during training further compounded this situation. Registrars identified a number of practical barriers and incentives that influenced teaching engagement<sup>37</sup>.

Educational interventions were effective in maintaining and enhancing empathy in undergraduate medical students. They elucidated the need for multicenter, randomized controlled trials, to report long term data for evaluating the longevity of intervention effects<sup>38</sup>.

Suicides motivated by physical illnesses contacted medical care prior to committing suicide, but a lot of them did not undergo psychiatric evaluation, thus underscoring the need for programs psychosocial support to patients with physical illnesses<sup>39</sup>.Mismatch occurred between demand for flexible surgical training and the number of trainees in part time training positions in Australia and New Zealand, suggesting the needed efforts to facilitate part time surgical training<sup>40</sup>. General Surgery, ENT, Ophthalmology and Internal Medicine were the most preferred specialties, and Community Medicine, Forensic and Ob/Gyne were the least selected specialties among medical students intended to do post graduation<sup>41</sup>.Self reported EI did not change over time and was not related to ability EI. Females scores were higher than males. High self reported EI was associated with poor clinical competency in assessments but with good performance bio medical knowledge assessments<sup>42</sup>. Motivating factor to participate was different in non therapeutic studies for healthy with financial reward and patient participants participants invited to participate physician<sup>43</sup>.Longitudinal faculty development program had positive effect on self efficacy beliefs of health sciences teachers<sup>44</sup>.

The study done by Webb JR et al 2013, showed a high prevalence of stimulant use among medical students compared to general population. Personal experience with medications as medical students had impact on physician attitude<sup>45</sup>.

# **COMMUNITY BASED STUDIES:**

The arts and humanities provided needed contextual media through which the lessons leamed from the science of communication in medicine were translated and promoting as medical education<sup>46</sup>. The scheme JananiSurakshaYojana increased institutional delivery by at risk mothers, reducing maternal morbidity and mortality, improve child survival, and ensuring equity in maternal healthcare in India<sup>47</sup>. Social support and parental illness related stress served as modifiable targets in interventions to allocate needed resources to families and reduced extra medical care<sup>48</sup>.An integrative, community based, longitudinal, early dinical experience programme driven by volunteer continuity mentors gave patient centered instruction for preclinical students in the clinical, social, behavioural, ethical and research foundations of medicine<sup>49</sup>. For selecting students in medical schools, a combination of measures of cognitive ability criteria like pre admission test scores and non skills of personality recommended<sup>50</sup>. Empathy increased after one year of



medical education with no difference between two education systems of medical college and medical school<sup>51</sup>.

The limited use of high quality communication behaviors rehearsals raised concern about parental understanding, decision making, and psychosocial outcomes after newborn screening<sup>52</sup>. Many respondents were in favor of posthumous organ donation suggesting that mandated choice system was the most preferred and presumed consent system was the least preferred. There was no difference between preference and perception of norm in consenting ranking of systems. Financial incentives in females and medical incentives in males reduced preference<sup>53</sup>.Public perception of psychiatry was not satisfactory and had a little impact on the popularity of the specialization. The form of teaching at universities was of profound influence in the selection process<sup>54</sup>.Academic health centers were needed to provide much needed support to physicians working in rural areas through focused continuing medical education, faculty development and practice based research networks<sup>55</sup>.Combination of alcohol and energy drink increased the desire to drink rating compared to taking alcohol alone in college students<sup>56</sup>. Mentalising performance in the behavioural variant frontotemporal

dementia (bvFTD) was associated with grey matter changes in ventro medial prefrontal cortex and anterior temporal lobe suggesting that music represents surrogate mental states and ability to construct such mental representations was impaired in bvFTD<sup>57</sup>.Membership and fellowship at a professional association were influenced by characteristics of the individual. Incentives provided by employers encouraged employees in getting involved with their professional associations 58. Significant differences were observed across curriculum years, and also between direct entry versus graduate entry undergraduates, with regard to student selected component selections and underlying motivation <sup>59</sup>.In models accounting for provider patient ethnic discordance, high discordance on ethnicity scale was associated with reduced ratings for the same behaviors <sup>60</sup>.The Caring Professionals Program was a useful model for allied health schools and contributed to a college culture supporting caring and humanism <sup>61</sup>. Anatomical self efficacy was defined as an individual's judgment of his or her ability to successfully complete tasks of anatomy curriculum; including dissecting, learning anatomical concepts, and apply anatomical knowledge to clinical situations 62. Improvements are needed in educational institutions to encourage compassion <sup>63</sup>.

Identify the problem	Figure out what makes you feel embarrassed and discuss this with
	someone
How to solve this?	How can we improve the situation. Think. Accept the issue. Focus on
	positive aspects
Action plan in right direction	Work out to solve this issue. Focus on another aspect of yourself that can
	take attention away from the negative one
Encourage one another and build each	Remember your own talents and abilities. Set a goal and reward yourself
other	for achieving. Find a new hobby, you like and enjoy
Stay positive	Avoid self pity. Think of happy future and plan. Learn to accept a
	compliment
Project positive feelings	Smile a lot. Encourage people around you. Being altruistic

**Table 2: Effective Leadership strategy** 

### **EMOTIONAL INTELLIGENCE AND EMPATHY:**

communicating medical results to patients and for critical professionalism competency<sup>67</sup>. developing interventions designed to reduce worry levels patients entering the diagnostic pathway<sup>65</sup>.Alcohol abuse and dependence among students was concern, suggesting that substance abuse in has to be

addressed through awareness programs combined with Empathy scores even when increased did not stress management programs in an overall substance sustain in pharmacy and medical students after a brief abuse reduction strategy<sup>66</sup>.EI abilities suggest specific workshop on aging that required limited personnel curricula which, when successfully taught by faculty and resources<sup>64</sup>.Low trait El predicted higher worry levels in the learned by physicians by training, would allow trainees' early stages of the diagnostic cancer pathway, suggesting professionalism to be recognized and measured. This the consideration of individual trait differences while construct was a useful way of developing curricula for the

> Qualitative research indicated that students conceived feedback as a linear process, from instructor to student, and felt both the lack of time on the ward and instructors' apparent inapproachability were major barriers for getting



feedback<sup>68</sup>.Children whose parents scored poorly on IQ **5.** tests had an increased risk of conduct, emotional, and attention problems. The home environment, child's own IQ and the parental malaise, was having importance in explaining the associations<sup>69</sup>.

### **CONCLUSION:**

The perceived emotional aptitude of Clinical Laboratory Sciences students was same as that of students of other healthcare majors at the Dumke College of Health Professions 70. Students with higher trait EI were more to experience stress during unfamiliar surgical scenarios but also likely to recover better compared with their lower trait El peers<sup>71</sup>. Study done on Year 3 medical students in the USA reported positive and diverse exemplary health care provider interactions. Themes were identified regarding the operating room team members' interactions with patients, with one another and with the medical students<sup>72</sup>. No differences were found on self reported empathy in the assessments of white and Asian American medical students by simulated patients<sup>73</sup>. High EI trait was associated with less state anxiety, less worry and higher perceived social support<sup>74</sup>. The EI scores were correlated with social awareness domain of Emotional Intelligence Test, in a study done on four domains of self awareness, self management, social awareness social skills<sup>75</sup>.Cognition Motivation Emotional Intelligence Resistance Skills program, significantly increased the knowledge of drugs and peer resistance skills, was effective in the drug abuse prevention in school students of Wuhan, China<sup>76</sup>.Clinical leadership as part of the curriculum for doctors in training, provides an approach to develop leadership skills and collaborative working culture in a medical institution.

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