THE IMPORTANCE OF BIOETHICAL KNOWLEDGE FOR FUTURE PHYSICIAN

Guzal Mardiyeva Karimovna
Samarkand state medical university

Introduction: In today's world of advanced medical technology and complex ethical dilemmas, it is crucial for physicians to possess a deep understanding of bioethics. This article explores the significance of bioethical knowledge for physicians in contemporary medicine.

Bioethics is a field that addresses the ethical implications of advances in medical science and technology. It encompasses issues such as patient autonomy, confidentiality, end-of-life decisions, genetic engineering, and research ethics. For physicians practicing in the modern healthcare system, having a solid foundation in bioethical knowledge is essential for providing high-quality and morally sound patient care.

Key words: Boiethics, social impact, new biomedical technologies, ethic, knowledge.

Main part: Bioethics is a relatively new field of applied ethics devoted to moral and social questions concerning human and nonhuman biological life and death. The social and ethical impact of advanced technology related to life sciences has been momentous. Genetic-engineering technology, effecting the transfer of genes between organisms of different species and even, in some cases, the insertion of an artificially synthesized gene into a natural organism, has added new moral problems. Modifying the genetic material of natural beings, thus affecting the natural environment, has also important implications for green technology. From its inception, biotechnology has been a highly controversial technology, even when it may appear that there are only unalloyed good results to be expected. One cannot fail to realize the enormity of the moral dilemmas or the uncomfortably irresol-vable moral deadlocks involved when considering transgenic organisms that may be detrimental to ecosystems but advantageous to alleviating human hunger, or, by contrast, of “designer bacteria” used for oil-spill cleaning; of ever advancing medical technology that can maintain life longer; or perhaps using organs from a malformed and possibly dying newborn for life-saving transplants on the one hand, but from a newborn whose handicap must not be seen as a license to withdraw medical care on the other. Not unlike other types

of technology that have affected people's stance vis-à-vis moral attitudes, for example with "green" or environmentally sensitive viewpoints, biomedical technologies have also raised moral sensibilities, all the more so given their direct impact on human nature, either in terms of alleviating pain or holding out the promise of curing debilitating or life-threatening/life-shortening maladies. These possibilities rest primarily on further extending medicine or conventional biotechnology into genetic engineering allowed by recent advances in molecular biology, genetics, and by genomics (copying DNA tracts and controlling their sequences to see how genes function in new bioenvironments). Bioethics must be distinguished from popular hype, misinformation, or superficial journalistic coverage of hypothetical ghoulish biotechnological eventualities; for example, transgenic organisms "running amok," Frankenfoods, or fear-inducing dangers especially associated with human cloning. This does not mean that bioethics should only be of arid academic interest and that people's fears should not be heeded, or that protesting against genetic modification (GM) in general has no value.

One important element in the vehemence of bioethical confrontations has also to do with language: surreptitiously value-laden descriptions are used to buttress arguments against opponents. Bioethics is also very much linked to religion, either fueling religious passions or forming the topic of considered church positions. Moreover, the phenomenon of a booming bio-industry profiting in GM, and arguably influencing by funding the direction of "free" academic research, calls for moral evaluation and legal regulation.Ethical theories may roughly be distinguished into those that morally assess an action as opposed to those that focus on the ethical status of the agent: "what ought one to do" versus "what kind of person ought one to be." When judging the moral value of an action from the perspective of its good or bad consequences, theories are said to be "consequentialist," emphasizing the maximization of possible foreseeable good (or minimizing evil), whereas theories that privilege not the goodness of an action but its rightness or wrongness are usually called "deontological."

The upsurge of social movements raising issues of medical import: The importance of the social movements arising in the Western world after World War II, and specially in the nineteen sixties, sometimes with a bearing on biomedical matters, cannot be neglected. What is at issue in the relation between social movements and biomedical matters is, once again, the emancipatory sense of biomedical technologies; and, once again, this is an ambivalent sense, its twofoldedness consisting of expanding social control over individual behaviour, on

the one hand, and allowing for the development of new life-styles continuously pressuring against the levels of social tolerance, on the other. Radical criticism against the power and knowledge of medicine - and of technoscience in general - as tools for social control, made up for a relevant number of resistance strategies amidst the feminist movement and the gay movement. Conversely, new biomedical technologies, namely in the field of reproductive medicine, have been appropriated by women's movements as serving emancipatory purposes in women's condition, such as satisfying the vindication of free disposal of one's own body by setting apart sexuality and reproduction, with all its consequences in individual and social life

1. The Role of Bioethics in Patient Care: Bioethical knowledge equips physicians with the necessary tools to navigate complex ethical dilemmas that arise in patient care. It enables doctors to uphold the principles of beneficence, non-maleficence, autonomy, and justice when making medical decisions. Understanding bioethics allows physicians to balance the best interests of their patients with respect for their autonomy and personal values. 2. Ethical Considerations in Medical Research: Bioethics plays a pivotal role in medical research, ensuring that studies involving human subjects are conducted ethically. Physicians need to be aware of the principles and guidelines governing research ethics to protect the rights and welfare of participants. Knowledge of bioethics helps physicians critically evaluate research proposals and make informed decisions about their involvement in clinical trials and studies. 3. End-of-Life Care and Ethical Decision-Making: Physicians often face challenging ethical decisions when it comes to end-of-life care. Bioethical knowledge enables them to navigate these situations with sensitivity and respect for patients' wishes. Understanding concepts such as euthanasia, physician-assisted suicide, and advance directives helps physicians provide compassionate care while upholding ethical standards. 4.Ethical Implications of Technological Advancements: The rapid advancements in medical technology bring forth new ethical challenges. Physicians must be well-versed in bioethics to address issues related to genetic engineering, stem cell research, organ transplantation, and artificial intelligence in healthcare. Bioethical knowledge allows physicians to consider the potential risks, benefits, and ethical implications of these advancements when making clinical decisions.

Conclusion: In conclusion, bioethical knowledge is of paramount importance for physicians practicing in contemporary medicine. It provides a framework for addressing complex ethical dilemmas, upholding patient autonomy, and ensuring the overall well-being of individuals under their care. By incorporating bioethical

principles into their practice, physicians can enhance the quality of patient care and contribute to a more ethically conscious healthcare system

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