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allow to the physicians to interfere to the bodily integrity of the individuals.

Informed consent as useful tool presupposes the patient's knowledge and freedom to choose. But in many situations, these basic requirements are lacking. Do we have generally in these situations the capacity to make right choices? Maybe it is time to rethink the basic principles of the informed consent ...

#### BIOETHICAL CONTENT OF CONTEMPORARY STUDIES IN MEDICINE

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Contemporary studies of the professionalization phenomenon in medicine focus on socio-psychological determinants of professional growth in dynamics of personal socialization. Since personalized and stratified medicine has become a part of medical sciences, whereas biotechnologies in treatment of socially important diseases have started developing within the interdisciplinary area of medicine, biology (genetics) and chemistry, international ethical conflicts are inevitable. Hence modern research trend of professionalization in medicine is its bioethical content. The analysis of contemporary studies carried out within the interdisciplinary area of sociology of medicine allowed us to conclude that on the whole Russian methodology in the studies is based on classical conceptualization of profession and tends to continental (European) approach to the concepts of profession and professionalism, professional identity, career trajectory, professional training and cultural competences being kept as subjects of research. The authors have focused on such socially important phenomena of medical specialists' professionalization as reproduction of scientific capability, socially oriented management in medicine, professional deformation and deprofessionalization. The results of authorial initiative studies have proved negative tendency to further development of medical specialists' social deprivation in biomedical sciences and scientific interest gain to bioethical aspects of professionalization in medicine.

#### MEDICAL EDUCATION AND THE ETHICS OF CARING

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The ethics of caring, though the subject of much recent discussion by philosophers has hardly been applied to medical ethics and medical education. Based on receptivity toward and taking responsibility for other persons, the ethics of caring has relevance to medicine. Caring guides the physician always to remain the patients advocate and to maintain the therapeutic relationship when dealing with and resolving ethical dilemmas. This presentation will bring forward the philosophy behind the ethics of caring and then explores that arise in this context. Receptivity, taking responsibility and creating an educational environment that foster caring.

#### ALTERED PERCEPTION OF MEDICAL STUDENTS AND ISSUES ON SELF ENHANCEMENT

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Body image is physical expression of one's personality. We recognize humans by their physical appearance which is the body. The investigators undertook a questionnaire survey among the 1<sup>st</sup> year and 3<sup>rd</sup> year medical students to affirm the view point on determinants of perception on body image. When asked if they would accept plastic surgery to enhance beauty, Majority of the students disagreed for the same, this view is independent of their year of study. Taking pills for

weight reduction has been the recent trend among adolescents but the students from our study found it resentful to take medication for this purpose. It has been shown that irrespective of the year of study feasting on junk food is resorted to at least once a week in around (48.1%) of the students. The affinity towards junk food is the palatability, easy availability and convenience. Physical activity among medical students is around (48.1%). Time constraint and increased workload is the most important reason medical students give which hinders them from eating healthy or having physical exercise. Medical students as they ascend the academic ladder have greater exposure to knowledge of drugs and accessibility so the option of self medication did vary between the comparative population. As it is the onus on the physician in training to be in good health and it being the individual responsibility to adhere to healthy habits this study has drawn out definitive conclusion that allows for positive intervention.

#### COMPARATIVE LEGAL REVIEW: CONFLICTS OF PATENTING GENETIC TESTING AND SUBSEQUENT IMPLICATIONS ON THE ACCESS TO GENETIC DIAGNOSTICS

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The fast research progress of genetic diagnostic technology, along with the advent of second-generation gene sequencing platforms, makes DNA-related tests more available and affordable to patients. Some of these testing, which offer the promise of highly accurate results with comparatively lower risk, are estimated to have the potential to replace the current traditional tests and become routine examinations for certain diseases in the future healthcare service. As such, the new innovations of genetic testing methods are deemed to be an emerging engine of a national's economy. Similar with business models of other pharmaceutical innovations, the legal protection of the intellectual property plays a key role in securing a path forward to the commercialization of new genetic testing techniques. Some recent lawsuits in the US and Canada indicate that the use of the genetic diagnosis has raised challenges for the existing intellectual property laws and general legal rules. Relevant research has provided thoughtful and insightful discussions in this area, but most of them are elaborated in the US context. Given the booming global market of genetic testing services, an exploration of patent laws of other jurisdictions would provide useful arguments for the future development of patenting genetic testing legislation. This research, by conducting a legal comparative analysis of patent laws and relevant practice in the US, Canada, China and EU, aims to provide a better understanding of rationales behind patent legislations on genetic research and diagnosis, and to evaluate subsequent implications on the access to the future novel genetic diagnosis.

#### BIOETHICS AND INCLUSION

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**Objectives:** Deafness in children evokes specific ethical questions because auditory rehabilitation may question some of the traditional values the Deaf-World worldwide. Indeed, cochlear implantation is currently considered as an option because numerous studies demonstrate that children with profound deafness obtain considerable benefits with this technology. However, few studies have considered general aspects of the lives of these individuals, such as quality of life (QoL), particularly with regard to the manner in which self-perception of QoL is related to the health of these children and adolescents.

**Method:** This study aimed to determine whether QoL is related to the health of a sample of implanted prelingual children and adolescents aged between 8 and 18 years who attend school in Portugal. This study was a cross-sectional study that included three groups: prelingual implanted deaf children and adolescents; prelingual deaf