

【患者さんを救えるのはお医者さんだけではありません。医療機器開発のプロになって、世界の患者さんを助けませんか？】

医療機器開発のプロジェクトマネージャー養成プログラムです。医療機器メーカーへの就職を考えている方、医療行政関連で勤務を考えている方等は勿論、医療機器に興味のある全ての方のためのプログラムです。社会人と一緒に学びますので、積極的に動けば卒業後に役立つ出会いもあると思います。医療機器開発の目的は、医療現場におけるニーズを的確に捉え、それを解決する機器を開発することです。臨床の場で使用する機器は、さまざまな法規制に対応する必要があり、最終的にビジネスとしてのアウトプットを目指すものであるため、組織作りから運営、資金集め、販売計画の策定までをチームで行う必要があります。医療機器開発に携わるメンバーとなるために必要な医学知識、法規制、倫理、知財、組織運営、販売等のマネジメントについて学習し、最新の医療機器に触れながら、機器の構造、特徴、用途、目的について、そして実際の医療機器開発の現場について講義と実習・グループワーキング形式で学びます。

【Doctors are not the only ones who can save patients. Why don't you become a medical device development professional and help patients around the world?】

This is a training program in medical device development geared for all levels: from entry-level to project manager level. The program is for people who are interested in medical devices, as well as those who aim to get a job in medical device manufacturing, or those who aim to work in medical administration.

In this program, you will get a chance to study along working professionals which will provide with valuable connections in your future career. The purpose of medical device development is to understand the needs and problems in the medical field and to develop devices that address these needs and solve these problems. Medical devices are used in clinical settings and must comply with various laws and regulations while ensuring business output. Therefore, it is necessary for a medical device development team to successfully create an organization, operate it, raise funds, and formulate sales plans.

In this program, you will acquire the knowledge necessary to be part of a medical device development team, through a series of lectures, group discussion and other practical trainings. You will learn about medical aspects, laws and regulations, ethical issues, intellectual property, organizational management, sales management, etc. You will also get hands-on experience where you will get to see, touch, and try the latest medical devices. By doing so, you will gain a better understanding of the structure, characteristics, and applications of these devices.

This program is open for working adults and all students in Osaka University. Please apply through our website. (<https://mei.osaka-u.ac.jp/mdd>)