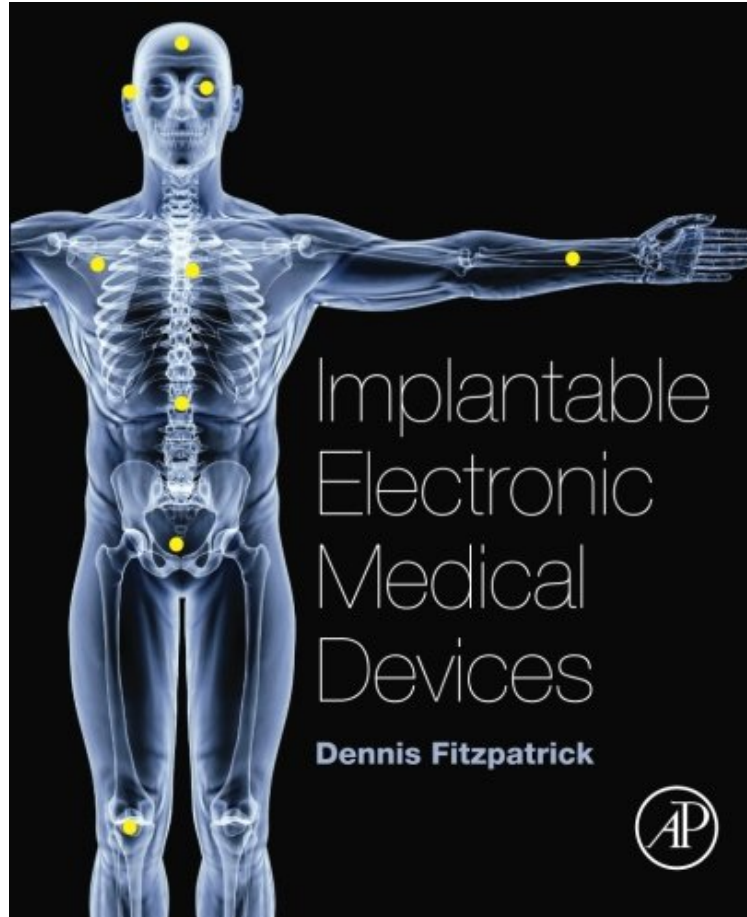


Implantable Electronic Medical Devices

Dennis Fitzpatrick

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About the Author Dr Fitzpatrick is a Reader in Biomedical Engineering at The University of West London, where he also leads the Biomedical Engineering Research Group. He has a BEng degree in Electronic Engineering, a PhD in Bioengineering and is a Chartered Electronics Engineer and a Fellow of the Higher Education Academy. His primary research interest is in the use of Functional Electrical Simulation (FES) for the restoration of bladder function and restoration of gait in stroke and spinal cord injured patients. His research focuses on the design and development of implantable medical systems. His recent book 'Analogue Design and Simulation using OrCAD Capture and PSpice', also published by Elsevier, has sold worldwide to highly acclaimed reviews in numerous prestigious electronic engineering journals such as EDN and Electronic Times and is officially endorsed by Cadence Design Systems.