

The Regional Centre of Excellence in
Biomedical Engineering and eHealth



Medical Technology Management (MTM)

Procurement & Maintenance
Master-level Intensive One-week course
Tuesday, July 7 to Friday, 10, 2026



WHO SHOULD ATTEND: Biomedical engineers or technicians at hospitals, healthcare institutions, government or health agency decision-makers, and any professional involved in the procurement and maintenance of medical devices. Lectures and case studies are intensive and interactive, intended for participants already familiar with these topics.

CEBE FACULTY

Gerard Rushingabigwi

Associate Professor | Biomedical Master Director

Celestin Twizere

Professor | CEBE Director

FRENCH TEAM

Celine CONDETTE

Hospital Engineer, and UTC researcher | MS EB Master Director

Francois LANGEVIN

Emeritus Professor and Researcher | FL IH Int President,

Laurent SEVESTRE

Senior Biomedical Engineer | TheBiomedicalBox CEO

A partnership with facilitators from MOH, RBC-MTD, and RMS,
Sponsored by Expertise France



PROGRAMME

Tuesday July 7 - Procurement of Medical Devices - Basics

9:00	Opening & Introductions Welcome Remarks and Brief Introduction of CEBE Welcome remarks from AFD Group Official Opening Remarks / MOH Opening remarks from RBC/MTD
9:30	Hospital Technics & Flows The hospital: a place of technology and processes. Modeling, flows, healthcare provision, consequences Hospital fundamentals: water, oxygen, electricity MD life cycles
13:30	Procurement Fundamentals Needs analysis, costs, HR, tenders, commissioning, disputes, training, safety

Wednesday, July 8 - Procurement of medical devices - Advanced questions and strategy

10:00	Advanced procurement - Case Studies and advanced questions Upstream technology management, analysis of needs, costs, human resources, consultation and calls for tenders, essential conditions to be met, commissioning, disputes, training, safety, etc.
13:30	Advanced Procurement (continued) Strategic procurement, essential contractual conditions, and commissioning

Thursday, July 9 - Hospital Visit and Practical Maintenance Questions

9:00-12:30	King Faisal Hospital Visit Biomedical engineering workshop tour & debrief on maintenance organisation
14:30	Maintenance Fundamentals Managing installed equipment; organizing internal and external maintenance (preventive, conditional, or corrective); quality assurance; electrical safety; ECME; medical device vigilance; metrology; etc. Budget and economic questions, global costs

Friday July 10 - Maintenance - Advanced Questions & Strategy

9:00	Advanced Maintenance - Case Studies Budget and economic questions, global costs Overall strategic management of equipment for maintenance and contracts, obsolescence vs. innovation, homogeneity, local or regional distribution of human and material resources, etc.
13:30	Academic Validation Assessment and validation of acquired knowledge

Coffee break: 10:30 & 15:30 daily

Lunch break: 12:30 (60 min)

End of session: 17:00 daily

