

ANDREA GROSSI

Global Product Manager | Product Development, Biomechanics & Digital Solutions
andregrossi98@gmail.com | [Website](#) | [LinkedIn](#) | +Mob. +39 3404276361 | Dual Citizenship: IT & DE | Born: 1 April 1998

ABOUT ME

Group Product Manager with an **M.Sc. in Biomedical Engineering** specializing in **data-driven products, biomechanics, and human performance analysis**. Experienced in **developing and scaling digital solutions** in complex environments, **translating user needs** into **impactful products** across **global markets**.

Passionate about **product development** that **enhances human performance** through **data and design**.

WORK EXPERIENCE

Group Product Manager – Digital Surgical Technologies

Medacta International – Switzerland

Aug 2023 – Present

Promoted from Associate Product Manager

- **Led end-to-end product lifecycle management** and **go-to-market strategy** for a **digital surgical planning platform**, scaling to **3,000+ personalized plans/year** across **8+ international markets**.
- Coordinated the **full lifecycle of an AI-powered surgical platform**, reducing operative time by **up to 15%** and **enhancing anatomical accuracy** as validated by internal clinical evaluations.
- **Defined business model, market access and reimbursement strategy** for an **AI-assisted MedTech solution**, aligning product value with **EU/US/AUS/JP healthcare regulations**
- **Streamlined cross-functional collaboration** across **R&D, RA/QA, marketing, and regional sales** (Europe, US, Japan, Australia), ensuring timely product releases and international regulatory approvals (**CE, FDA, PMDA, TGA**).
- **Partnered with Key Opinion Leaders and delivered 50+ clinical and technical training sessions**, supporting product validation, surgeon adoption and commercial expansion across multiple regions.
- **Worked at the intersection of preoperative planning, intraoperative guidance and digital surgical workflows**, helping translate clinical needs into technologies supporting an integrated image-guided surgery ecosystem.

EDUCATION

M.Sc. in Biomedical Engineering – Biomechanics and Biomaterials

Politecnico di Milano – Milan, Italy

Sept. 2020 – May 2023

Final grade: 110/110

#13 QS World University Rankings by Subject 2022 ([Engineering & Technology](#))

Focus on **biomechanics, human movement and performance analysis**.

Thesis: Estimation of a climber's Center of Mass fusing data from a sensorized climbing wall and a monocular video

Exchange Program – Biomedical Engineering

Norges Arktiske Universitet (UiT) – Tromsø, Norway

Sept. 2021 – Dec. 2021

Courses in bioinstrumentation, biomechanics, and motion analysis, in an international and research-oriented setting.

B.Sc. in Biomedical Engineering

Politecnico di Milano – Milan, Italy

Sept. 2017 – Sept. 2020

Thesis: Advanced in vitro models for Alzheimer's and Parkinson's disease study

LANGUAGES

Italian (Native) | English (C2 – used daily in a professional context) | German (Intermediate) | French (Intermediate)

KEY COMPETENCIES & CERTIFICATES

Technical & Digital Tools

- Data-driven products · Product lifecycle management
- Biomechanics · Human movement analysis · Performance optimization
- AI-driven solutions · Digital platforms · Augmented Reality tools
- MS Office · ClickUp · MATLAB · Python (basic)

Certificates

- IELTS
- Finalist Xsens – Biomechanics Challenge 2023

Soft Skills

- Cross-functional collaboration · Strategic thinking · Stakeholder engagement · Strategy development · KOL Engagement · Global Teamwork.
- International teamwork · Agile mindset

Other Interests

- Outdoor sports (sailing, running, climbing)
- Passionate about design, tech and innovation
- Interested in tech entrepreneurship and how innovation scales in healthcare