



Università di Pavia
Master di II livello in Ingegneria Clinica
Dottorato di Bioingegneria, Bioinformatica e Tecnologie per la Salute

SEMINARIO

The ethical impact of Biomedical Engineering in Low Resource Settings

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ONLINE: <https://us02web.zoom.us/j/82600863791?pwd=NWITYWI2U2IUSXZ5Y0IzaTdqUGx5QT09>

Is ethics a humanitarian embellishment for scientific research? Do the referral to ethics is structural and strategic or additional and unnecessary in biomedical engineering research? (1). There will be presented some case studies from field studies in Low Resource settings that show the extraordinary urgency of starting to reflect seriously and responsibly on the ethics for healthcare technologies and, therefore, for biomedical engineering. Furthermore, Covid-19 has brought the whole world in a situation well known in emergency contexts (lack of resources, drugs, personnel), therefore it strengthens the urgency of considering ethical principles for technology for health and, in particular, global health (2).

References

A. Maccaro, D. Piaggio, S. Pagliara, L. Pecchia, *The role of ethics in science: a systematic literature review from the first wave of COVID 19*, in «Health and Technology» (Springer), 03/06/2021: <https://link.springer.com/content/pdf/10.1007/s12553-021-00570-6.pdf>

A. Maccaro, D. Piaggio, C. Dodaro, L. Pecchia, *Biomedical engineering and ethics: reflections on medical devices and PPE at the time of Covid-19*, in «BMC Medical Ethics», (2021) 22:130 <https://doi.org/10.1186/s12910-021-00697-1>, <https://rdcu.be/cyAIH>

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