

Development of low cost femoral thigh prosthesis and this technology transfer process

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Abstract: This article describes the development of a philanthropic femoral thigh prosthesis which meets the following features: quality; production limitations; low cost and; large scale production. It is a research developed specifically to aid thousands of dismembered victims of the civil war from the African country of Angola. Such femoral thigh needs to be manufactured in Angola, due to basically the need to adapt the prosthesis to the anthropometry of the patients, to avoid expenses with importation and the creation of new job posts. Therefore, it is also developed the manufacturing process and a proposal of transferring these technology to Angola.

Keywords: prosthesis, technology, product and process development.

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