

Model for Remanufacture of Medical Equipment in Cross Border Collaboration

Authors : Kingsley Oтуру, Winifred Ijomah, Wale Coker, Chibueze Achi

Abstract : With the impact of BREXIT and the need for cross-border collaboration, this international research investigated the use of a conceptual model for remanufacturing medical equipment (with a focus on anesthetic machines and baby incubators). Early findings of the research suggest that contextual factors need to be taken into consideration, as well as an emphasis on cleaning (e.g., sterilization) during the process of remanufacturing medical equipment. For example, copper tubings may be more important in the remanufacturing of anesthetic equipment in tropical climates than in cold climates.

Keywords : medical equipment remanufacture, sustainability, circular business models, remanufacture process model

Conference Title : ICREP 2021 : International Conference on Remanufacturing and Electronic Packaging

Conference Location : Amsterdam, Netherlands

Conference Dates : November 04-05, 2021