



United States Pharmacopoeia Plastics Designations

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What is USP Class VI?

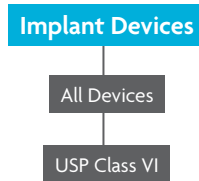
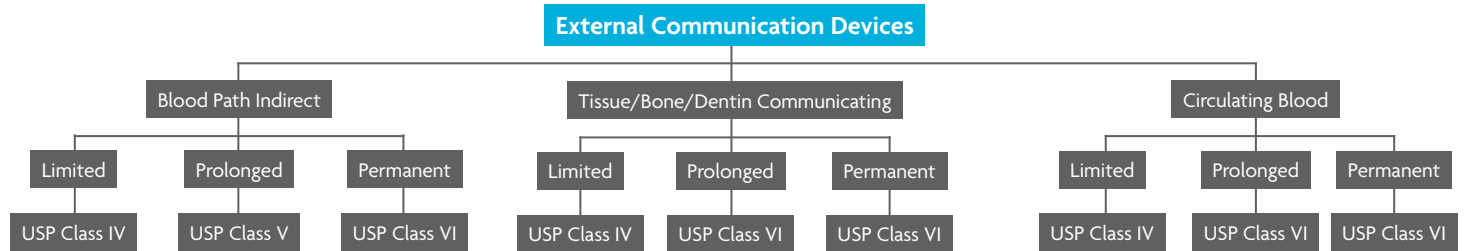
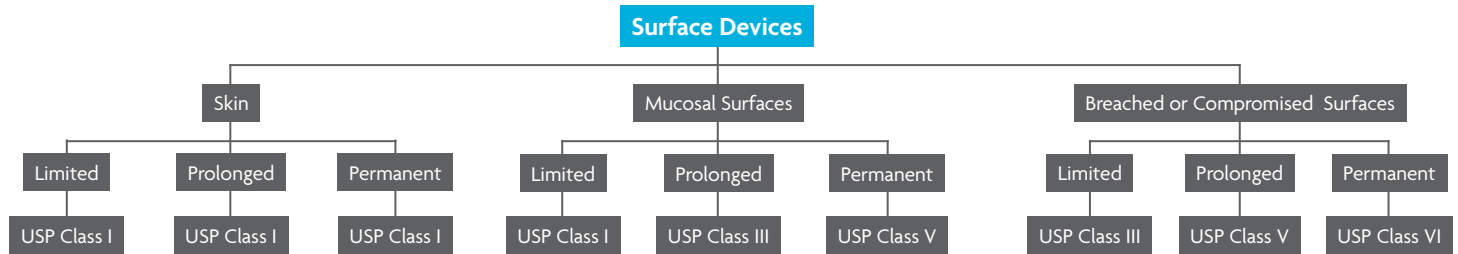
The United States Pharmacopeia (USP) is an independent organisation that established a set of standards to ensure the quality of medicines and health care technologies. USP protocols are used to classify plastics in Classes I - VI, based on end use, type and time of exposure of human tissue to plastics, of which Class VI requires the most stringent testing of all the six classes.

- › Systemic toxicity tests are used to determine the irritant effect of toxic leachables present in extracts of test materials.
- › Intracutaneous tests are used to assess the localised reaction of tissue to leachable substances.
- › Implantation tests are used to evaluate the reaction of living tissue to the plastic.

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USP Class Plastics Designation



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