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The transition to a circular economy is crucial for the future of implant manufacturing, reducing waste, conserving resources, and minimizing environmental impact. Traditional linear manufacturing models are unsustainable in the long run. By integrating eco-design principles, material recycling, and advanced remanufacturing techniques, the industry can create more sustainable medical implants without compromising safety and performance. This approach will reduce the carbon footprint and also bring the manufacturer in regulatory compliance with the planned EU "Clean Industrial Deal".