

Biological Tooth Regeneration

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Abstract

Introduction: Biological tooth regeneration has the potential to transform the management of tooth loss by moving beyond artificial replacement towards the restoration of a living and functional tooth. However, scientific progress alone does not define clinical success.

Objective: This research explores the clinical pathway required for the translation of tooth regeneration into practice and identifies the essential characteristics of a clinically successful regenerated tooth.

Methodology: The study incorporates the perspectives of dental professionals through a structured survey and examines expert opinion alongside existing regenerative concepts.

Results: The study aims to identify how a regenerated tooth should develop, integrate, function, and be evaluated, as well as the challenges that may influence its future implementation.

Conclusion: The findings may contribute towards a more comprehensive framework for evaluating functional tooth regeneration in future clinical practice.