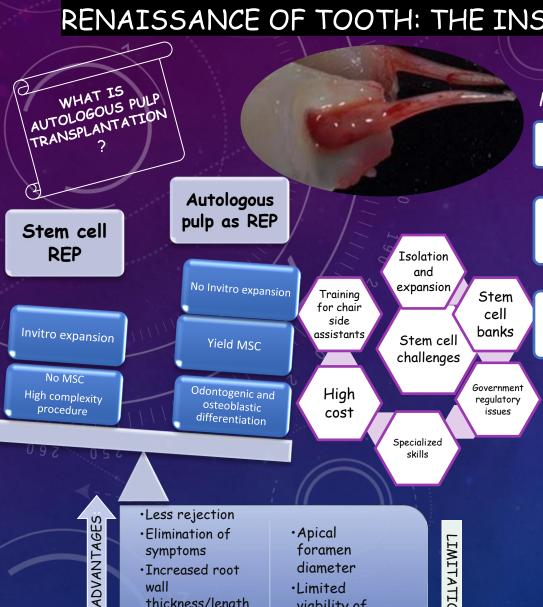






## RENAISSANCE OF TOOTH: THE INSIGHTS OF AUTOLOGOUS PULP TRANSPLANTATION



Kim et al, Journal of Endodontics, Oct-2024

## **METHODOLOGY**

Patient selection



Initial treatment including RCT and Ca(OH)2 Placement







Pulp extraction( usually from 3rd molar)



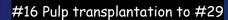
Pulp mincing



Transplantation of minced pulp to prepared canal



Follow up









1year and 7 months showing apical canal calcification

## FUTURE DIRECTIONS.

Long term clinical studies

Optimization of harvesting and transplantation techniques

growth factor research which helps in proliferation of MSC

wall thickness/length

·Positive response to vitality testing ·Limited viability of transplantat ed tooth

LIMITATIONS