chronOS Implant Evaluation Study. The Canberra Surgicentre and Synthes Australia are conducting a clinical study to evaluate the performance of chronOS granules (bone substitute) following the extraction of wisdom tooth/teeth to prevent the risk of periodontal defects.

ACTRN12608000092392

Status	RECRUITING
Sponsor	Canberra Surgicentre
Enrollment	100 participants

Plain Language Summary

This study is testing whether filling the socket left after a wisdom tooth (mandibular third molar) is removed with a synthetic bone substitute called chronOS can prevent a specific type of gum and bone problem that sometimes develops on the adjacent second molar. When wisdom teeth are removed — particularly in adults over 26 — a bony defect can form nearby, leading to a gum problem called a periodontal defect. This study will follow patients for at least 12 months after the procedure to see if chronOS reduces this risk.

You may be eligible if:
- You are 18 years of age or older
- You are having both lower wisdom teeth removed
- Your wisdom teeth are in a mesioangular or horizontal position (leaning forward)
- You are willing to attend follow-up appointments for at least 12 months

You may NOT be eligible if:
- You are under 18 years of age
- The tooth next to your wisdom tooth (second molar) is missing
- You have diabetes
- You are taking long-term steroid medications
- You have had radiation therapy to the jaw
- You have or have had a malignant condition

Talk to your doctor about whether this trial might be right for you.

Key Eligibility Criteria

Inclusion (4)

- Age >= 18 years
- Removal of two mandibular M3
- Mesioangular or horizontal M3 position
- Agreement for return follow-up for at least 12 months.

Exclusion (7)

- Age < 18 years
- No adjacent M2
- Diabetic
- Chronic steroid use

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- Malignant condition

... and 2 more (see full listing online)

Locations (1 total)

Australia

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