



PRODUCT FEATURES

- Mechanical strength similar to real bone.
- Microstructural properties similar to real bone.
- According to Asian population geometry.
- User-friendly synthetic bone.
- Suitable for medical students to conduct orthopaedic training.
- Suitable for teacher in classroom.
- Suitable for researcher to conduct biomechanical research.

APPROACH



NEEDS

- Demand of synthetic bone for medical training purpose is high in worldwide.
- In Malaysia, the price for conventional product can up to RM 400 per pieces.
- The users normally purchase 1000 pieces per month especially from medical school.
- Synthetic bone is needed by medical school, hospital and university for some purposes.
- Existing product – expensive, lightweight, no mechanical data, European size, not applicable for Asian user.

BENEFITS PER COST

- Non-invasive, easy to handle.
- No need ethical approval.
- No need special storage to store.
- More economical.
- Can be used by anyone.
- No maintenance required.

COMPETITORS

- Medical Simulation Model developers.
- High-tech companies for medical education needs.

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