The mechanical effect of extracorporeal irradiation on bone

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Disclosure
Objectives

1. Extracorporeal irradiation
2. Mechanical tests
3. Findings and conclusions
Extracorporeal irradiation

- Other options
- Dose

![Cow Image] tibia

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Mechanical tests

- Young’s modulus
- Storage and loss moduli
Mechanical tests

- Young’s modulus
- Storage and loss moduli

![Mechanical test setup](image)

**Graph:**

- **Load (N):** A → B → C
- **Time (not drawn to scale):** A → B → C → D

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Findings
Findings
Conclusions
Thank you