Simulation analysis of impact damage to the bone tissue surrounding a dental implant

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Supplementary Table 1 The parameters of material

| Material            | Young’s modulus (GPa) | Poissons’ ratio | Density (g/cm³) |
|---------------------|-----------------------|-----------------|-----------------|
| Implant             | 114                   | 0.3             | 4.51            |
| Cortical bone       | 18.0                  | 0.3             | 1.74            |
| Trabecular bone     | 0.76                  | 0.3             | 0.9             |
| Rigid body          | 120                   | 0.3             | 7.9             |