Infographic Design Information  
For requests to submit to DesignCrowd

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| Study information | Answer |
| Study title | Woodcast versus standard casting material for the immobilization of nonoperatively treated distal radial fractures |
| Study acronym | WOODCAST |
| Headline | Feasibility of a Randomised Controlled Trial Comparing Woodcast and Fibreglass Casts for Distal Radial Fractures |
| Study summary | Distal radial fractures are the most common fractures in adults, typically managed with cast immobilization. This multicentre feasibility trial compared Woodcast, a biodegradable alternative, with standard fibreglass casts. Over eight months, 883 patients were screened, 271 were eligible, and 120 were randomised across four UK centres. Follow-up rates were high, and both interventions demonstrated similar clinical outcomes, safety profiles, and patient acceptability. |
| Key messages/findings | This feasibility trial showed that both Woodcast and fibreglass casts are safe, effective, and acceptable options for managing distal radial fractures. Recruitment and retention rates were high, with no serious adverse events reported, supporting the feasibility of a larger definitive trial. Woodcast, as a biodegradable material, offers potential environmental benefits without compromising patient outcomes. |
| Eligibility criteria (if relevant) | 1. Sustained a fracture of the distal radius, which is defined as a fracture within or equal to 3 cm of the radio-carpal joint  2. Over the age of 16  3. Able to give informed consent  4. The treating outpatient clinician believes that they would not benefit from surgery in the form of further manipulation of the fracture under anaesthetic or the insertion of metalwork  5. The patient is required to have a change of cast at the initial outpatient review |
| Study details (if relevant) | Design: Multicentre, two-arm, open-label, parallel-group, randomized controlled feasibility trial.  Timeline: 8-month recruitment period.  Sites: Conducted across four centres in the UK. |
| Target audience | Adults (patients) ≥16 years with a distal radius fracture. |
| Contact information | oxfordtrauma@ndorms.ox.ac.uk |
| Sponsor name | University of Oxford |
| Funder | Onbone Oy |

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| Design information/branding | Answer |
| If not a WHiTE trial, what is the preferred colour scheme? | No preference – clean, professional look but we are open to different colour schemes. |
| Style and design preferences | Should be clean, professional and approachable to both the public, and clinicians. |

NB the following logos will usually need to be included: trial logo, Oxford Trauma and Emergency Care, NDORMS (if applicable), NIHR (if NIHR-funded), University of Oxford (if applicable), Sponsor/NHS Trust (if applicable)