

NURSING INNOVATION TIMELINE

Copper Medical 2025

Phase	Deliverable	Description	Completion Date	Status	Outcome
Planning	Finalized Design Spec Sheet	Complete design files and technical packages for copper-coated scrub pants with integrated support panel.	July 15, 2025	In Progress	Ready for Prototyping Phase.
Planning	Confirmed Lab Partner	Finalize agreement with George Brown or ESML for ATCC-100 microbial testing.	June 30, 2025	In progress	Secured testing facility to validate antimicrobial performance.
Planning	Pre-production Sampling	Order and receive first-round prototypes using copper-coated fabric.	August, 2025	Not started	Prototypes ready for pilot wear and testing.
Implementation	Public Funded Campaign Launch	Launch of a public pre-order or crowdfunding campaign to raise funds for production, validate demand, and expand awareness.	September 2025	Not Started	Real-world usage feedback and pre/post-wear testing data collected.
Implementation	File Provisional Utility Patent	Submitted provisional utility patent application to USPTO.	June 2025	In Progress	Functional design of the integrated pocket system is legally protected, enabling future commercialization and licensing opportunities.

Implementation	Lab Analysis	Conduct ATCC-100 and post-wear swab testing on returned garments.	July 2025	Not Started	Lab data validates efficacy of copper coating in reducing microbial load.
Implementation	Pattern Refinement	Adjust fit, pocket positioning, and seam details based on wear feedback.	August, 2025	Not Started	Updated and improved version of Scrubs for final production run. Incorporates pilot feedback.
Evaluation	Feedback Summary Report	Compile qualitative and quantitative data from pilot users and lab testing.	November 30, 2025	Not started	Evidence base for product refinement and funding applications.
Evaluation	Cost and Feasibility Review	Analyze cost structure, production viability, and regulatory next steps.	December 2025	Not started	Determine commercial scale-up readiness.
Knowledge Dissemination	Digital Education Content	Launch TikTok and Instagram content explaining lab testing and user stories.	July-August 2025	In Progress	Increased awareness and credibility among healthcare professionals.
Knowledge Dissemination	Conference Submission	Submit abstract or poster proposal for nursing or innovation conference.	April 2026	Not Started	Academic recognition and professional dissemination of results.
Knowledge Dissemination	White Paper or Case Study	Publish pilot results and innovation journey on Copper Medical website.	September 2026	Not Started	Resource for future grants, investors, and peer knowledge sharing.

