

[NuTissu](#) are working on a [project funded](#) by the Office for Veterans' Affairs to address chronic wounds.

We would be delighted to have the opportunity to engage with community's potential end-users and share details about our innovation, E-Plaster® and to review and revise the product as required to address the specific requirements of the community.



E-Plaster® aims to present a holistic approach to wound

healing with attention to positive mental health as a patient centric device with nudge behaviour to enable a degree of self-management to wound healing. Our innovation aims to bring a sense of optimism to injured veterans that a wound will never burden for more than three months.



There is evidence, including compelling randomised control trials, that indicates that upregulating the natural electric field of tissue with external electrical stimulation could effectively solve infection, reduce pain, and rapidly and completely heal wounds.

E-Plaster® as a wearable patch can deliver therapeutically effective doses of electrotherapy, and can be activated wirelessly, via patient's personal laptop or phone. When accompanied with our electroconductive dressings, application of electrotherapy will not require dressing changes. The material properties and real-time monitoring that will be enabled through the E-Plaster® App can minimise the dressing change frequency.

At this stage of development, we would like to understand the requirements and wishes of the community members who are dealing with chronic wounds, either as a result of direct physical injury, infection of a wound, wound resulted from prosthetics or related.

To optimise our innovative offering, we would like to understand;

- what technical, personal barriers or interest there might be when implementing tele-health facilities to manage wounds;
- what degree of interest would a patient with wounds, and their family or carer might develop in reviewing wound healing status in real-time?
- what difference would it make personally to patients and families if wounds can be healed rapidly and completely with E-Plaster®.
- what are the community's thoughts on their experience in managing wounds, treatment plans, and their wishes for wound care, so that we can attempt to address in our innovative offering.

Anyone interested in project should contact: achala@nutissu.com or nutissu@gmail.com