



<<< Biomaterials for Wound Healing

Clinical-grade Bandage for Chronic Wounds

Chronic wounds affect 1 in 20 patients in Singapore. The proportion of chronic wound patients is expected to be exacerbated by an ageing population and the rising incidence of diabetes. A team of researchers in NTU led by [Assoc Prof Dalton Tay](#) has utilised a 'waste-to-resource' approach to turn discarded bullfrog skin into medical grade topical collagen to treat chronic wounds. The collagen patch was developed in collaboration with Singapore medical technology firm **Cuprina Wound Care**

Solutions and exclusively licensed to the company. The potential of the biomaterial could extend beyond wound healing and might be a promising option with other regenerative applications such as bone repair. Read more [here](#).



[Image Credit: NTU]

The NTU research team with the collagen patch developed using discarded bullfrog skin