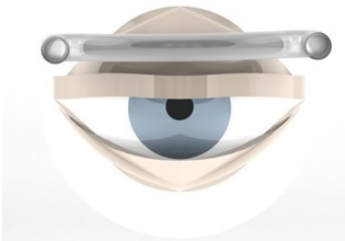


ptosis crutches



*South Africa's first **open source** medical device*

Ocular Myasthenia Gravis (MG) affects eye muscles, resulting in the patients struggling to control and raise their eyelids.



Ptosis Crutch, developed by the UCT Biomedical Engineering group is an adjustable crutch that can be fitted to spectacles to support one or both eyelid





Ptoxis Crutches offers the following **additional benefits** compared to permanently fixed crutches:

- The crutch bar makes **contact** with the eyelid at the position of the **eye crease** and allows the patient to **blink**
- The design is **modular** and **adjustable** to fit the protrusion and size of **any** eyelid
- The device can be manufactured at **low cost** via **3D printing**
- The device can be **fully disposed** of

Ptoxis Crutches are available upon request.

For more information please visit: www.bme.uct.ac.za or

http://www.rci.uct.ac.za/rcips/innovation_achievements/products/PtoxisCrutch

You can contact us at medicaldevices@uct.ac.za or UCT's Research Contracts & Innovation at ResearchContractsandInnovation@uct.ac.za

