Per-operative Epipole optic disc images enhance craniofacial care

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Introduction

- Craniofacial disorders are associated with raised intracranial pressure due to early fusion of the cranial sutures and altered CSF dynamics.
- Optic disc appearances influence craniofacial management decisions
- The Epipole camera is a handheld device to acquire optic disc images at the time of surgery, providing a permanent record of optic disc appearance

Image Quality

Patients with Disc Oedema: 3/ 118

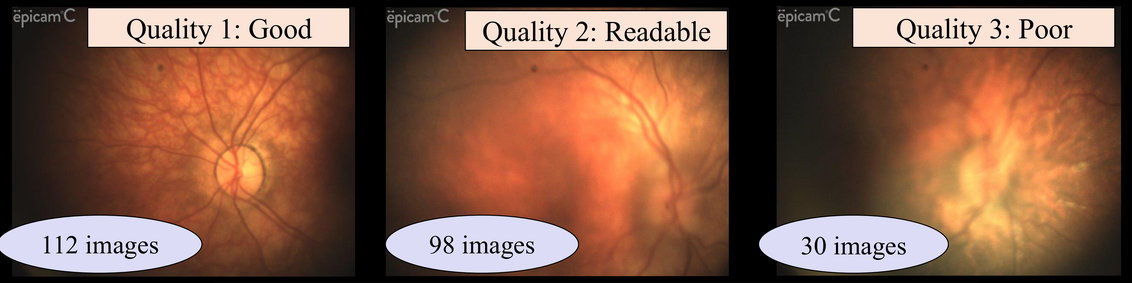


Image Quality improved over the period of use

Sept '22 – Feb '25

Craniofacial patients undergoing a transcranial procedure

Pre-dilated and images taken by craniofacial team in the anaesthetic room

Images reviewed and graded by ophthalmology team

Total patients: 118
Total disc pictures: 240

Summary



Easy & practical
Reliable, Cost Effective
No training required, small learning curve
Non- ophthalmologist friendly
Permanent Record of disc and macula
Enables virtual review by ophthalmology

No Financial Disclosures