Dermoscopy imaging devices

- Smartphone attached
- Camera attached
- Dedicated imaging systems
Imaging techniques

**Light:** LED + polarized filters to achieve cross-polarization

- **Polarized light dermoscopy (PD)**
- **Non-polarized light dermoscopy (NPD)**

**Technique**

- **Non-contact (PNCD)**
- **Contact (PCD)**
- **Contact (NPCD)**

**Non-contact** does not require direct contact with the skin

**Direct contact** of the glass plate with the skin surface + liquid interface
Non-contact dermoscopy

Glass plate for contact dermoscopy

Fixed distance device for non-contact dermoscopy
Images
Sequential dermoscopy

(A) 

(B) May 2016

(C) Sept 2016

Excised 21/02/17

Feb 2017
Dermoscopy supplement

- Dermoscopy Photography IOD
  - Dermoscopic Image Module
    - ~6 new DICOM attributes
- Dermoscopic Photography Image Storage SOP class
- Skin Cancer Acquisition Context Template
Issues