

A device for visualizing the precancerous and cancer lesions of uterine cervix and oral cavity

Salient features of the technology:

- This device can be used where electricity is a problem, because it can be operated on 12-volt rechargeable battery.
- White light of AV Magnivisualizer has colour temperature of 5500°K-6000°K with full visible spectrum of light.
- It was designed to improve the visual inspection. Ordinary torch light may mask many of the features of the lesions (e.g. colour, contour, margins etc).
- Interchangeable magnifying lenses (1+, 2+, 4+ diopetre) are provided for differential magnification.
- Handy grip is provided having switch under the right hand thumb so that it can be operated easily.
- It is light weight (less than 500 grams, excluding battery).
- AC adapter cum charger having dual use is provided.
- An Indian application no. 1216/del/2010 has been filed.
- This technology has been developed by ICPO, Noida (an ICMR institute).