



DERMATOLOGICAL SURGERY

VIDEO RECORDING IN INTERVENTIONAL DERMATOLOGY: A SIMPLE AND INEXPENSIVE VIDEO CAPTURE SETUP FOR THE DERMATOLOGIC SURGEON

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INTRODUCTION: Advancements in Dermatology Surgery led to a continuous rise in the volume of cosmetic and noncosmetic surgical procedures. Video recording these interventions is a valuable tool for both educational and self-evaluation purposes, A number of surgical video recording setups have been described in the literature, however, they are usually expensive and time-consuming to prepare. We herein describe a simple, inexpensive technique for surgical video capture to the Dermatologic Surgeon.

OBSERVATIONS: For this setup, the surgeon needs only a smartphone with a camera (which is nowadays ubiquitous), a bike phone holder (usually available from 10€ to 30€), an adjustable IV pole and, optionally, a powerbank. With the patient in position for the surgical intervention (seated or lying on his back on the surgical table, depending on the procedure), the bike phone holder should be attached on the vertically adjustable IV pole. The smartphone should then be put on video recording mode, and properly placed on the holder. Optionally, a powerbank can also be glued to the IV pole to provide extra charge for longer procedures. The height of the IV pole, as well as its position and distance to the surgical table, should be adjusted accordingly before the intervention, in order to provide the best recording definition.

CONCLUSIONS: The authors describe a simple, easy to setup, inexpensive system to record videos of dermatologic procedures. Video capture of these interventions is encouraged for self- assessment, to present new and updated surgical techniques and to teach the younger generations of Dermatologic Surgeons.

