

## Selfie stick: An extension of the photographer's hand in operation room conditions

Sir,

Digital photography is an extensively used tool for documentation of the clinical presentation of patients and medical and surgical procedures, and it is important from both scientific and medicolegal point of view. Digital photography equipment is easily available and affordable currently.

Best photographs are captured by professional photographers in standard conditions. Medical photographers are professionalists who photograph patients in clinics and operation rooms and aware of sterile procedures. Unfortunately, not every medical facility employs a medical photographer. Shooting a picture intraoperatively can sometimes become a challenge when there is no one but untrained staff available.

To take pictures in a sterile medium, gas sterilised underwater camera cases may be used with almost no added infection risk.<sup>[1-3]</sup> However, we are in the era of smartphones and cameras are used less than they were in the past. We need solutions for smartphones for intraoperative photography.

The surgeon might put on an extra pair of sterile gloves and shoot the picture himself, but in some circumstances,

his both hands are busy. When a staff takes picture with a smartphone intraoperatively, he/she puts the sterile drapes at danger by approaching to the surgical site. He/she might lose focus or cannot prevent tremor while trying to hold the phone with the arms stretched over the surgical site [Figure 1]. To avoid these problems, we offer a cheap and practical solution. Selfie stick is a monopod that positions the phone beyond the normal range of the arm. It is very cheap, available, and easily used by anyone. After connecting the phone to the device either by bluetooth or by a cable, the stick is extended to the desired length [Figure 2]. The piece that holds the phone is hinged and can be adjusted as desired. The surgeon can direct the staff for best shot. The staff can hold the stick with both hands and lessen the tremor. Thus, we think that selfie stick can be a helpful accessory to take intraoperative pictures without endangering sterile surgical site.

### Financial support and sponsorship

Nil.

### Conflicts of interest

There are no conflicts of interest.



Figure 1: Photograph taken in an ordinary way



Figure 2: Photograph taken by a selfie stick

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**REFERENCES**

1. Tatlidede S, Egemen O, Bas L. A useful tool for intraoperative photography: underwater camera case. *Ann Plast Surg* 2008;60:239-40.
2. Raigosa M, Benito-Ruiz J, Fontdevila J, Ballesteros JR. Waterproof camera case for intraoperative photographs. *Aesthetic Plast Surg* 2008;32:368-70.
3. Tsai J, Liao HT, Wang WK, Lam WL, Kuo LM, Chen RF, *et al.* A safe and efficient method for intra-operative digital photography using a waterproof case. *J Plast Reconstr Aesthet Surg* 2011;64:e253-8.

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<b>Quick Response Code:</b> 	<b>Website:</b> <a href="http://www.ijps.org">www.ijps.org</a>
	<b>DOI:</b> 10.4103/ijps.IJPS_187_16

**How to cite this article:** Sencan A, Baydar M, Ozturk K, Orman O. Selfie stick: An extension of the photographer's hand in operation room conditions. *Indian J Plast Surg* 2017;50:115-6.  
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