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Southern African Society for Reproductive  
Medicine and Gynaecological Endoscopy

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Dear SASREG Members

### RE: Hysteroscopic tissue removal systems

The diagnosis and treatment of intra uterine pathology has greatly progressed over the past 30 years. Traditional D&C has been replaced by diagnostic and operative hysteroscopy.

Recently new systems have come on the market. Hysteroscopic tissue removal systems (HTRS) can be used to remove endometrial polyps, soft myomas and retained placental products from the uterine cavity. HTRS do not replace the bipolar resectoscope and the bipolar resectoscope remains a very valuable instrument in trained hands. However, the advantages of Hysteroscopic tissue removal systems are clear.

There are 4 randomized trials (van Dongen, Hamerlynck, Pampalona and Smith) and two retrospective studies (Emanuel and AlHilli) that show the benefits of the HTRS. There is a meta-analysis published (Chunbo 2016) that confirms that the new Hysteroscopic tissue removal systems are associated with a higher operative success rate and a shorter operative time among patients with endometrial lesions than resectoscopy. There is also a recent systematic review (Vitale 2017).

**Therefore, SASREG supports the use of HTRS for the treatment of intracavitary pathology inclusive polyps, retained products of conception and certain myomas.**

Kind Regards

Dr Sulaiman Heylen

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### SECRETARIAT

Turners Secretariat (Pty) Ltd

PO Box 1935

Durban, 4000

South Africa

Tel: +27 31 368 8000

Fax: +27 31 368 6623

Email: info@sasreg.co.za

A Member of



International Federation of  
Fertility Societies  
Dr Sulaiman Heylen

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