

## The risk of TESE-induced hypogonadism: a systematic review and meta-analysis

Although limited studies were obtained from our systematic search, based on the extracted data we found transient but significantly decreased total testosterone levels after TESE that recover to baseline levels after 18–26 months. This effect was most profound in men with Klinefelter syndrome. The number of studies reporting on symptoms and signs of hypogonadism associated with TESE is very limited, showing some risk of ED, which seems to be related to a decreased total testosterone and/or possible depression and anxiety. Furthermore, a decrease in testicular volume is seen in some men after TESE. For better counselling of TESE patients on the transient hypogonadism after TESE, more research is necessary to understand whether the decreased total testosterone is accompanied by symptoms and signs of hypogonadism in the short and long term. It is striking that these data are still not available 25 years after the clinical introduction of TESE.

<https://academic.oup.com/humupd/article/24/4/442/4992257>

**Message from desk of:  
Dr. Rishma Dhillon Pai**

Dear Colleagues,  
we are happy to bring to you the 2<sup>nd</sup> issue of ,  
'ISAR BUZZ'. Since the new team took over in  
April 2018, we have done 11 workshops on PCOS  
all over the country. A workshop on Endometriosis  
has been done . Two days hands on training  
programs on Fertility enhancing surgery are  
starting in Mumbai, Chennai and Gurugram.  
You must have received our newsletter,  
'ISAR Express'. Thank you for participating in  
our survey's and please continue to do so.  
Let's work together to make ISAR the best  
infertility organization in the country .

*"Unless you try to do something beyond what  
you have already mastered , you will never  
grow" - Ronald E. Osber .*



Dr. Rishma Dhillon Pai

**President**



Dr. A. Suresh Kumar

**Hon. Librarian**

**Message from desk of :  
Dr. A Suresh Kumar**

Dear ISARians,  
I am internally grateful for the  
invaluable response for first ISAR BUZZ.  
It has made our National ISAR team  
more passionate to provide feast of  
knowledge which is already in full  
swing.

As 25<sup>th</sup> July embarks the birth of first  
successful test tube baby louis brown  
40 years back, welcoming the  
exploration the field of ART, and  
crafting this days as world  
embryologist day .

## Future Events

- ▶ Traveling seminar on 19<sup>th</sup> August 2018 at Bilaspur, Chhatisgarh
- ▶ Regional Conference in Aurangabad on 25<sup>th</sup>, 26<sup>th</sup> August 2018
- ▶ 80<sup>th</sup> executive meeting on of 25<sup>th</sup> August at Aurangabad.

*please visit our website : [www.isarindia.net](http://www.isarindia.net)*

