

IIRRM Grand Rounds Live Chat 01/27/2022 8pm GMT

The Use and Significance of Semen Analysis for Restorative Reproductive Medicine

Presenter: Craig Turczynski. PhD.

José María Murcia Lora: Dear Dr. Craig.

Thank you very much for all the physiology and all the way to evaluate sperm. I have heard if I understand correctly that only one sperm is enough to fertilize, that is what my infertility professor says. Artificial insemination after collection by perforated collector, and in vitro training, and then introduction into the cervix, is being done, in the face of semen evaluation without a clear diagnosis in my humble opinion, but some say that better fertilization rates are achieved. It seems to me, according to some, it does achieve pregnancies, but I think, if you ignore all the physiology that we have just seen, the results are not going to be any better. Can you say anything about this type of insemination?

Maria Elzbieta Konecka: could you show another time the title of review for defragmentation DNA of sperm ?

Alícia Pastor: In my Billings Center we try to improve the sperm reserve of men with antioxidant supplements such as maca, would you recommend any other product?

Victoria Mena: For sperm collection device, I offer to patients my transvaginal US scan sheaths, they are made of rubber, but have no spermicides, I have normal results, meaning this material does not affect the sample. They are very cheap

Kathleen Copeland, IIRRM Host: Here is a the link to BOMA training opportunities:
<https://www.boma-usa.org/health-professionals.html>

José María Murcia Lora: Gracias, María Victoria

Elisa Yao: Excellent presentation! Thank you! My question... It seems Reprosourse offers more info than Fellow. In what circumstances would you think Fellow testing is sufficient?

Mary Anderson: Can you comment on sperm morphology? I have a patient with normal semen analysis apart from low morphology and came across an article that said sperm morphology that did not have impact on couples' ability to conceive

Ann Hall: Does Proxead help?

Alexandra Davidson: Maybe I missed this at the beginning, but I am curious what your experience was in the IVF field and why you left

Ann Hall: How many sperm typically reach the egg in normal fertility?

Gisela Valer: How can we help if we have severe oligozoospermia or teratoastenospermia in a smoker?

Victoria Mena: I think rubber does not affect much the sperm because I treat many men with infertility, and the samples get better with treatment. Other patients have normal tests, when using the device, and are consistently normal with time, if they repeat the test once yearly

Magdaléna Gerová: Do you recommend having time off antioxidant supplements, or can they be taken for months without a break?

Francisco Javier Diaz Diaz: It seems that most proposed interventions for abnormal semen analysis tests are at most proven to improve lab parameters but seldom solidly showing live birth rate improvements. Would you agree?

Ann Hall: Proxeed = supplement with vit E, vit D, and L-Arginine

Victoria Mena: In my experience, most couples having difficulties to conceive because of a male factor, have a female factor too, but has not been adequately studied and treated.

Daniel Bejarano: Do you have any information about Covid vaccines and male fertility?

Alexandra Davidson: Thank you for sharing your story

Victoria Mena: A good search of the wife of an infertile man will show fertility impairment in the wife in many/most cases.

Maria Elzbieta Konecka: Coenzyme Q

Victoria Mena: it is important to consider sperm analysis as a marker of general health in men. It is important to develop protocols to deeply study the underlying abnormalities causing the damage, in an attempt to restore man's general health, so the sperm count can recover to some extent or totally. Utilizing supplements empirically has not worked in my experience. it is necessary to discover the underlying causes and use the adequate or most adequate supplements

Ann Hall: 👍

Daniel Bejarano: Thank you for your honesty!

Victoria Mena: thank you very much

Nancy McGrath: Great job.

Magdaléna Gerová: Thanks very much for all the information and opinions!

Kathleen Copeland, IIRRM Host: Evaluation for CME:

<https://forms.gle/yByVChHCMbxvT4vZ6>

Kathleen Copeland, IIRRM Host: RRM Global Summit - Early bird ends in 3 days:

<https://iirm.org/globalsummit/>