

6th International Conference and Exhibition on

Biosensors & Bioelectronics

September 22-23, 2016 Phoenix, USA

Sperm boat: Genetic boat which will help you to increase sperm motility and provide barrier to the sperm

Deep Patel

Crimea State Medical University, Russia

Normal sperm motility is defined as greater than 50%. When the motility falls between 25-50% on a single ejaculate, this may not reflect a problem. When the motility consistently falls below 25%, the chances of a problem are much higher. So, the men who have this problem cannot become a father. We make a small instrument named 'Sperm Boat' which will provide smooth path way to the sperm to reach the ovum. If a man's sperm is unable to swim effectively, it makes natural conception much more difficult. The sperm is simply not able to reach the egg because of its poor motility, often barely passing the vaginal canal. A man may be otherwise fertile save for this particular issue. So, it will provide a barrier to the man whose sperm motility is lower. The human testes contain coiled structures called seminiferous tubules, which are the sites of sperm production in human. In these seminiferous tubules, we inject sperm boat which is acceptable by the human body. Size of sperm tail is 50 micrometer and according to calculation, size of our sperm boat will be 55.6 micrometer. It will carry the sperm in our sperm boat and provide normal speed to our sperm to reach ovum. This method will not be a part of the fertilization. It will only help the sperm to reach the ovum then it will automatically leave from the sperm. By this technique, the result will be that the men who have lower motility will also become father.

Biography

Deep Patel has completed his graduation from Gujarat Board and now he is studying Medicine at Crimea State Medical University. He is a future doctor. He has published more than 25 papers in reputed journals and local magazines. He got 2nd place in the Inter Russian Biology Teachers Conference.

deeppatel.csmu@gmail.com

Notes: