**Maimoona Salman:** 41 years old. M/F: 20 Years. AFC 6+5 AMH: 0.6 ng/ml (30th Nov, 2017) P0+2. 6 weeks miscarriage, spontaneous conception

**Past Surgical history:**

* In 2001 diagnostic laparoscopic showed B/L tubes patent.
* H/O Myomectomy at shifa in 2015 by Dr Rizwan Malik.

**Past Obstetric History.**

* In 2007 conceived spontaneously- 6+2 weeks gestational sac seen on ultra sound- missed miscarriage followed by D & C.
* In Dec, 2017 conceived after IVF- Single intrauterine gestational sac seen on TVS- Missed miscarriage at 6+ weeks- Medical TOP.

**Past Fertility Treatment:**

* 6 IUI &6 IVF attempts failed ,
* In 2003 1st IVF was done at Hamid Latif- 4 ampoules step up to 6 -17 oocytes retrieved- 7 embryos formed- 1 transferred.
* In 2005 2nd IVF was done at Hamid Latif- ovarian stimulation was done with long protocol- 16 oocytes retrieved- 4 embryos formed-3 transferred.
* In sep 2017 3rd IVF was done at Shifa Int Hospital- ovarian stimulation was done with long 450 and growth hormone- 7 oocyte retrieved- 7 injected- 3 cleaved- 3 embryos transferred (2xfair, 1xbad)
* In Dec 2017 4th IVF was done at AFC - ovarian stimulation was done with antagonist 450 dropped to 225- trigger was given on the 10th day of stim- 7 oocytes retrieved- 7 injected- 5 fertilized- 4 embryos transferred (2 good 2 fair) - conceived- Single intrauterine gestational sac seen on TVS- Missed miscarriage at 6 +weeks- Med TOP
* In June 2018 5th IVF was done at AFC- ovarian stimulation was done with Antagonist 450 - 5 oocytes retrieved- 4 injected- 4 fertilized- 4 embryos transferred (2 good, 2 bad) on day 3.
* In Aug 2018 6th IVF was done at AFC- ovarian stimulation was done with step down 450 antagonist (flexible) reduced to 300+GH on stim day 6- 17 oocytes retrieved- 12 were mature- 12 injected- 9 fertilized- 3 embryos were transferred (1fair 2 bad) transferred on day 3 - 20% motility of sperms

- Received clexane, HCG support and Esterase post transfer- Failed.

* In Dec 2018 7th IVF was done at AFC- ovarian stimulation was done with anatomist 450+ GH- dual trigger was given on the 10th day of stim- 9 oocytes retrieved- 6 fertilized- 5 cleaved- 5 embryos transferred on D-3 (3 bad- 2 fair).

Salman 44 yrs old. S.A on 6th Sep, 2017 was 3ml/ 17M/ 18%/ 3% Med coq 10, gonadil f,evion cap

**Plan**: As advised by Dr. Rizwan Malik:

* IVF in September, 2019
* PROTOCOL: Ant 600+GH.