

**IVF & ICSI DATA  
January 2017 - December 2017**

The following data outlines the clinical pregnancy rates (CPR) per cycle started & per embryo transfer for IVF & ICSI across the age categories at Fertility Exeter.

For more detailed data and comparisons please see the HFEA website:  
<http://www.hfea.gov.uk/fertility.html>

*The clinical definition of cycle started is relative to the initiation of ovarian stimulation.  
Per embryo transfer relates to cycles where embryo replacement has occurred.*

Age Category	Treatment	Number of Cycles	Achieving ET/ Cycle Started (%)	CPR/ Cycle Started (%)	CPR/ Embryo Transfer (%)
< 35 years	IVF	73	<b>83.6%*</b> (61/73)	<b>35.6%</b> (26/73)	<b>42.6%</b> (26/61)
	ICSI	72	<b>91.7%</b> (66/72)	<b>30.6%</b> (22/72)	<b>33.3%</b> (22/66)
35-39 years	IVF	71	<b>80.3%*</b> (57/71)	<b>21.1%</b> (15/71)	<b>26.3%</b> (15/57)
	ICSI	60	<b>88.3%</b> (53/60)	<b>23.3%</b> (14/60)	<b>26.4%</b> (14/53)
40+ years	IVF	24	<b>75.0%*</b> (18/24)	<b>8.3%</b> (2/24)	<b>11.1%</b> (2/18)
	ICSI	16	<b>93.8%</b> (15/16)	<b>12.5%</b> (2/16)	<b>13.3%</b> (2/15)

**N.B. There have been no clinical pregnancies in either IVF or ICSI cycles in women over the age of 41 years (16 cycles).**

\* All cycles are classified as IVF unless eggs have been inseminated with the use of ICSI. Cycles can be abandoned prior to or subsequent to egg collection for a variety of reasons. This may result in an embryo transfer at a later date.

The data above is for fresh cycles using IVF or ICSI only and do not include cycles using donated eggs.



**Data for Single Embryo Transfer (fresh cycles only):**

Age Category	Proportion of Single Embryo Transfers Performed	CPR/ Single embryo transfer (%)
< 35 years	<b>51.3%</b> (60/117) 88.1% elective	<b>44.8%</b> (30/67)
35-39 years	<b>47.7%</b> (52/109) 75.0% elective	<b>32.7%</b> (17/52)
40+ years	<b>23.7%</b> (9/38) 33.3% elective	<b>0.0%</b> (0/9)

**Data for Transfer of 3 Embryos (women 40+ years):** - Five 3ET's occurred with 2 clinical pregnancies recorded (both twins).

**Multiple Pregnancy Rates (IVF & ICSI):**

Age Category	Multiple Pregnancy Rate (%)
< 35 years	<b>16.3%</b> (8/49)
35-39 years	<b>20.7%</b> (6/29)
40+ years	<b>80.0%</b> (4/5)
<b>Overall</b>	<b>21.7%</b> (18/83)



**Data for Frozen-warmed Embryo Transfer Cycles**

The table below reflects the data for cycles where the warming of embryos has been initiated.

Cycle Category	Number of cycles	CPR/ warm cycle (%)	CPR/ embryo transfer
<b>Overall</b>	104	<b>22.1%</b> (23/104)	<b>24.5%</b> (23/94)

Embryos are stored at varying developmental stages depending on the individual cycle and embryo availability.

Due to the nature of embryo freezing & warming, only embryos assessed as suitable for this procedure are recommended to be stored.



**Live birth rate for January to December 2016**

*Live birth rate = LBR*

*Multiple birth = MB*

The following data includes all pregnancies achieved at Fertility Exeter from January to December 2016, using fresh, autologous and donor eggs.

Fresh cycles

	<b>Birth Rate (%)</b>
<b>LBR/Cycle</b>	<b>18.4%</b> (60/326)
<b>LBR/ET</b>	<b>23.3%</b> (60/257)
<b>MB/LB</b>	<b>8.3%</b> (5/60)

Frozen Embryo Transfers (FETs)

	<b>Birth Rate (%)</b>
<b>LBR/Thaw</b>	<b>13.6%</b> (13/95)
<b>LBR/ET</b>	<b>15.3%</b> (13/85)
<b>MB/LB</b>	<b>23.1%</b> (3/13)

