## The Shropshire and Mid Wales Fertility Centre

## Clinical Pregnancy Rates - January to December 2022

IVF & ICSI fresh embryo transfers using own eggs								
	Below 35	35-37	38-39	40-41	42+			
Biochemical pregnancies per cycle started	43.1% (66/153)	32.1% (27/84)	28.3% (13/46)	10.5% (2/19)	8.7% (2/23)			
Biochemical pregnancies per egg collection	44.3% (66/149)	32.5% (27/83)	29.5% (13/44)	11.8% (2/17)	9.1% (2/22)			
Biochemical pregnancies per embryo transfer	57.4% (66/115)	36.0% (27/75)	35.1% (13/37)	13.3% (2/15)	13.3% (2/15)			
Clinical pregnancies per embryo transfer	47.0% (54/115)	26.7% (20/75)	27.0% (10/37)	13.3% (2/15)	13.3% (2/15)			

ICSI fresh embryo transfers using own eggs							
	Below 35	35-37	38-39	40-41	42+		
Biochemical pregnancies per cycle started	48.3% (42/87)	27.3% (12/44)	26.1% (6/23)	11.1% (1/9)	0.0% (0/9)		
Biochemical pregnancies per egg collection	49.4% (42/85)	27.3% (12/44)	27.3% (6/22)	11.1% (1/9)	0.0% (0/8)		
Biochemical pregnancies per embryo transfer	60.9% (42/69)	29.3% (12/41)	31.6% (6/19)	12.5% (1/8)	0.0% (0/6)		
Clinical pregnancies per embryo transfer	49.3% (34/69)	29.3% (12/41)	21.1% (4/19)	12.5% (1/8)	0.0% (0/6)		

IVF fresh embryo transfers using own eggs					
	Below 35	35-37	38-39	40-41	42+
Biochemical pregnancies per cycle started	36.4% (24/66)	37.5% (15/40)	30.4% (7/23)	10.0% (1/10)	14.3% (2/14)
Biochemical pregnancies per egg collection	37.5% (24/64)	38.5% (15.39)	31.8% (7/22)	12.5% (1/8/)	14.3% (2/14)
Biochemical pregnancies per embryo transfer	52.2% (24/46)	44.1% (15/34)	38.9% (7/18)	14.3% (1/7)	22.2% (2/9)
Clinical pregnancies per embryo transfer	43.5% (20/46)	23.5% (6/34)	33.3% (6/18)	14.3% (1/7)	22.2% (2//9)

IVF & ICSI frozen embryo/blastocyst transfers using own eggs (*Female age at egg collection)								
Below 35 35-37 38-39 40-41 42+								
Biochemical pregnancies per cycle started	45.9% (72/157)	23.4% (11/47)	38.9% (7/18)	23.5% (4/17)	25.0% (2/8)			
Biochemical pregnancies per embryo transfer	46.2% (72/156)	23.4% (11/47)	38/9% (7/18)	23.5% (4/17)	25.0% (2/8)			
Clinical pregnancies per embryo transfer	32.7% (51/156)	10.6% (5/47)	16.7% (3/18)	17.6% (3/17)	12.5% (1/8)			

Donor Insemination							
	Below 35	35-37	38-39	40-41	42+		
Biochemical pregnancies per insemination	13% (3/23)	16.7% (2/12)	12.5% (1/8)	0.0% (0/5)	0.0% (0/4)		
Clinical pregnancies per insemination	0.0% (0/23)	8.3% (1/12)	0.0% (0/8)	0.0% (0/5)	0.0% (0/4)		

Intrauterine Insemination							
	Below 35	35-37	38-39	40-41	42+		
Biochemical pregnancies per insemination	0.0% (0/0)	0.0% (0/3)	0.0% (0/0)	0.0% (0/0)	0.0% (0/0)		
Clinical pregnancies per insemination	0.0% (0/0)	0.0% (0/3)	0.0% (0/0)	0.0% (0/0)	0.0% (0/0)		

## Sharers and Donors Pregnancy Rates 2007 -2022

Sharers		
	Sharers	Recipients
Biochemical pregnancies per cycle started	38.7% (41/106)	48.1% (51/106)
Biochemical pregnancies per egg collection	40.2% (41/102)	50.0% (51/102)
Biochemical pregnancies per embryo transfer	44.0% (41/93)	54.2% (51/94)
Clinical pregnancies per embryo transfer	33.3% (31/93)	33.0% (31/94)

Altruistically Donated Eggs	
	Recipients
Biochemical pregnancies per cycle started	78% (32/41)
Biochemical pregnancies per egg collection	78% (32/41)
Biochemical pregnancies per embryo transfer	49.2% (32/65)
Clinical pregnancies per embryo transfer	26.6% (17/64)

## **Understanding these Statistics**

The figures that are shown above are a percentage of patients who have had a clinical or biochemical pregnancy. The numbers in the brackets indicate the number of patients who had a clinical or biochemical pregnancy over the number of patients that had either a cycle started, egg collection or embryo transfer for each age range. (Biochemical pregnancies indicate a positive pregnancy test, clinical pregnancies indicate a fetal heart seen i.e. ongoing pregnancies).

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