

This supplementary report presents information on assisted reproductive technology (ART) treatment cycles undertaken in fertility clinics in Australia and New Zealand in 2021, along with the resulting pregnancy and birth outcomes.

The data presented in these supplementary tables are for autologous cycles, oocyte donation cycles and oocyte/embryo recipient cycles, and does not include information on donor sperm insemination, gamete intrafallopian transfer or surrogacy arrangements. The data reflects treatment cycles and not patients.

Table S1: Treatment cycles by cause of infertility, treatment type and procedure, Australia and New Zealand, 2021

Cause of infertility	Autologous				Oocyte/embryo recipient	All
	Fresh IVF	Fresh ICSI	Fresh other ^(a)	Thaw		
			n			
7XEDO GLVHD\						
(QGRPHWULRV						
2WKHU IHPDO\						
RQO\						
&RPELQHG IHF						
IDFWRUV RQO\						
&RPELQHG IHF						
PDOH IDFWRU\						
ODOH IDFWRU						
RQO\						
8QH[SODLQHG						
1RW VWDWHG						
1RPHGLFDO L						
All causes	19,161	26,511	7,525	35,677	2,144	91,018
			%			
7XEDO GLVHD\						
(QGRPHWULRV						
2WKHU IHPDO\						
RQO\						
&RPELQHG IHF						
IDFWRUV RQO\						
&RPELQHG IHF						
PDOH IDFWRU\						
ODOH IDFWRU						
RQO\						
8QH[SODLQHG						
1RW VWDWHG						
1RPHGLFDO L						
All causes	100.0	100.0	100.0	100.0	100.0	100.0

(a))UHVK RWKHU LQFOXGHV F\FOHV LQ ZKLFK RFRFRWV ZHUH QRW OHDXVHG LQ RYHIRGHUW EOXLSV ZLWK DQG F 3HUFHQWDJHV LQ WKH WDEOH ZHUH FDOFXODWHG LQFOXGLQJ WKH 1RW VWDWHG FWHJRRU\UIRQ 'DWD VKRXOG EH LQWHUSUHWHG ZLWK FDXWLRQ GXH WR VPDOO QXPEHUV LQ FHUWDLQ FHOV

Table S2: Autologous treatment cycles by cause of infertility and source of sperm, Australia and New Zealand, 2021

Cause of infertility	Source of sperm							
	Male intending parent		Donor		Not stated ^(a)		Total	
	n	%	n	%	n	%	n	%
Tubal disease only								
Endometriosis only								
Other female factors only								
Combined female factors only								
Combined female-male factors								
Male factor infertility only								
Unexplained infertility								
Not stated								
Non-medical infertility								
All causes	80,371	100.0	1,416	100.0	7,087	100.0	88,874	100.0

a) ,QFOXGHV F\FOHV WKDW GLG QRW SURJENFVH WRIDHO W/OCHUBMDRO E WLRQ/FDQFHOOHG
7RWDOV DQG VXEWRWDOV XE\ QR W R KXOJ 'DWD VKRXOG EH LQWHUSUHWHG ZLWK FDXWLRQ GXH

Table S3: Outcome of embryo transfer cycles by technique of sperm retrieval, Australia and New Zealand, 2021

Stage/outcome of treatment	Site of sperm extraction				
	Ejaculate	Epididymis ^(a)	Testicular	Other	Not stated
(PEU\R WUDQVIHUV	62,732	533	2,077	7	2,545
&OLQLFDO SUHJQDQFLHV	23,011	185	736	2	971
/LYH ELUWKV					

Table S5: Outcome of embryo transfer cycles by stage of embryo development, Australia and New Zealand, 2021

Stage/outcome of treatment	Fresh		Thaw		
	Cleavage-stage embryos	Blastocysts	Thawed and transferred cleavage-stage embryos	Thawed cleavage and transferred blastocysts	Thawed and transferred blastocysts
(PEUR WUDQVIF	4,650	22,113			

Table S7

Table S8

Table S13: Early pregnancy loss by number of embryos transferred, Australia and New Zealand, 2021

Pregnancy outcome	Number of embryos transferred			All
	One	Two	Three or more	
	n			
0LVF DUULDJH	4,103	297	1	4,401
)HWDO UHGXFWRQ RU WF	211	15	0	226
(FWRS LF RU KHWHURWRS L	232	18	0	250
Total	4,546	330	1	4,877
	%			
0LVF DUULDJH	90.3	90.0	100.0	90.2
)HWDO UHGXFWRQ RU WF	4.6	4.5	0.0	4.6
(FWRS LF RU KHWHURWRS L	5.1	5.5	0.0	5.1
Total	100.0	100.0	100.0	100.0

3HUFHQWDJHV LQ WKH WDEOH ZHUH FDOFXODWHG LQFOXGLQJ WKH µ1RW VWDWHG† FDWHJRUL\ LQ V

Table S15: Births by gestational age and number of embryos transferred, Australia and New Zealand, 2021

Gestational age (weeks)	Number of embryos transferred			All
	One	Two	Three or more	
	38.1	37.2	36.3	38.0
		n		
	253	23	0	276
	189	14	1	204
	1,587	199	2	1,788
D				
•	16,963	733	5	17,701
1 R W V W D W H G	2	0	0	2
Total	18,994	969	8	19,971
		%		
	1.3	2.4	0.0	1.4
	1.0	1.4	12.5	1.0
	8.4	20.5	25.0	9.0
D				
•	89.3	75.6	62.5	88.6
1 R W V W D W H G	0.0	0.0	0.0	0.0
Total	100.0	100.0	100.0	100.0

(a) \$

Table S17: Gestational age of babies by birth outcomes, Australia and New Zealand, 2021

	Live birth ^(a)	Stillbirth ^(b)	All ^(c)
Gestational age (weeks)			

Table S19: Birthweight of babies by treatment type and procedure, Australia and New Zealand, 2021

Autologous

Birthweight (grams)

Table S20: Perinatal mortality of babies by type of death and treatment type and procedure, Australia and New Zealand, 2021

Treatment type	All births	Live births	Stillbirths ^(a)		Neonatal deaths ^(b)		Perinatal deaths ^(a,b)	
			n	Rate ^(c,e)	n	Rate ^(d,f)	n	Rate ^(c,g)
) UHVK , 9)	2,890	2,861	20	6.9	12	4.2	32	11.1
) UHVK , & 6 ,	4,007	3,961	39	9.7	23	5.8	62	15.5
7KDZ	12,726	12,566	109	8.6	38	3.0	147	11.6
2RF\WH HPEU\RUH	966	952	13	13.5	5	5.3	18	18.6
All	20,589	20,340	181	8.8	78	3.8	259	12.6

(a) Stillbirth is reported by patients to fertility centre staff. These data are not official. The 0 595.321 vit5.3214(T8s)-16f#lbi346 7 8.00008871 0 595.32 841.92 reWB/F2 6.96

7DEOH 6 7UHDWPHQW F\FOHV