

Infertility Database System (IDS)® Version 4.2 and Hamilton Thorne ZILOS®

Infertility Database Systems Ltd (IDS Ltd) have integrated their market leading clinic management software for ART clinics with the Hamilton Thorne ZILOS® system. With this integration IDS Ltd have taken a further step towards minimising data entry and duplication procedures within ART clinics.

The following screen shots demonstrate how the interaction is achieved.

1. Additional field views

Laboratory details - Helen Murphy (22) - IVF (98) - 28/09/2001

Egg no.	Collected	Inseminated	Procedure	Quality	Fate	Date	Stage	Quality
1	25/09/2001	25/09/2001	IVF - partner					
2	25/09/2001	25/09/2001	IVF - partner					
3	25/09/2001	25/09/2001	IVF - partner					
4	25/09/2001	25/09/2001	IVF - partner					
5	25/09/2001	25/09/2001	IVF - partner					
6	25/09/2001	25/09/2001	IVF - partner					

Date / time: 26/09/2001 13:00 Cell stage: Catheter: Lot no. / expiry date: / /

Procedure: Observed Quality: Method: Embryologist: Lot no. / expiry date: / / Location: Pronuclei: Polar body Treating Dr.: Consent expiry: / /

Remarks: Grainy Vacuolated

Egg no.	Date	Time	Procedure	Technician	Quality	Stage
1	26/09/2001	13:00	Observed			
1	25/09/2001	12:00	IVF - partner			
1	25/09/2001	09:00	Collected			

Record collection... Individual view Total view Delete... Add Cancel Save Close

- Summary view
- Individual view
- Images
- ZILOS parameters

New views have been added to the laboratory section to accommodate the interaction, i.e. an Images view and a ZILOS® view.

2. ZILOS® parameters

Laboratory details - Helen Murphy (22) - IVF (98) - 28/09/2001

Egg no.	Collected	Inseminated	Procedure	Quality	Fate	Date	Stage	Quality
1	25/09/2001	25/09/2001	IVF - partner					
2	25/09/2001	25/09/2001	IVF - partner					
3	25/09/2001	25/09/2001	IVF - partner					
4	25/09/2001	25/09/2001	IVF - partner					
5	25/09/2001	25/09/2001	IVF - partner					
6	25/09/2001	25/09/2001	IVF - partner					

ZonaM1: EmbryoM1: PNd1A: DrillM1: RulerM1: ZonaM2: EmbryoM2: PNd2A: DrillM2: RulerM2: ZonaM3: EmbryoBlast: PNd1B: DrillM3: RulerM3: ZonaM4: EmbryoMean: PNd2B: DrillM4: RulerM4: ZonaM5: EmbryoSD: PNdMeanA: DrillM5: RulerM5: ZonaMean: PNdMeanB: DrillMean: RulerMean: ZonaSD: DrillSD:

Press F3 to import ZILOS data into IDS for the currently selected ovum / embryo

Egg no.	Date	Time	Procedure	Technician	Quality	Stage
1	26/09/2001	13:00	Observed			
1	25/09/2001	12:00	IVF - partner			
1	25/09/2001	09:00	Collected			

Record collection... ZILOS paramete Total view Delete... Add Cancel Save Close

Fields as they appear in the ZILOS® interface are replicated in IDS®, using the same field names as in the ZILOS® interface. The ZILOS® user needs to store the embryo data, using the ZILOS® data export facility.

Pressing F3 from within the ZILOS® section in IDS checks for matching data in the ZILOS® export file, matching on embryo ID and date.

3. Successful import

Laboratory details - Helen Murphy (22) - IVF (98) - 28/09/2001

Egg no.	Collected	Inseminated	Procedure	Quality	Fate	Date	Stage	Quality
1	25/09/2001	25/09/2001	IVF - partner					
2	25/09/2001	25/09/2001	IVF - partner					
3	25/09/2001	25/09/2001	IVF - partner					
4	25/09/2001	25/09/2001	IVF - partner					
5	25/09/2001	25/09/2001	IVF - partner					
6	25/09/2001	25/09/2001	IVF - partner					

ZonaM1:	8.000000	EmbryoM1:	100.805440	PNd1A:	13.900461	DrillM1:	11.168382	RuleM1:	51.323799
ZonaM2:	8.138233	EmbryoM2:	99.523359	PNd2A:	15.363239	DrillM2:	11.168382	RuleM2:	39.221059
ZonaM3:	7.656424	EmbryoBlast:	4.000000	PNd1B:	15.363239	DrillM3:	11.120369	RuleM3:	25.850603
ZonaM4:	6.623930	EmbryoMean:	100.164399	PNd2B:	17.313662	DrillM4:	11.970052	RuleM4:	19.174421
ZonaM5:	7.379641	EmbryoSD:	0.641040	PNMeanA:	14.631850	DrillM5:	11.226786	RuleM5:	10.396436
ZonaMean:	7.629126			PNMeanB:	16.338451	DrillMean:	11.330794	RuleMean:	29.193264
ZonaSD:	0.608033					DrillSD:	0.321404	RuleSD:	14.527137

Egg no.	Date	Time	Procedure	Technician	Quality	Stage
1	26/09/2001	13:00	Observed			
1	25/09/2001	12:00	IVF - partner			
1	25/09/2001	09:00	Collected			


Record collection... ZILOS paramete Total view Delete... Add Cancel Save Close

If matching data have been found in the ZILOS[®] export file, these will appear in the IDS[®] laboratory details form. The user can still cancel data import at this time.

4. Images

Laboratory details - Helen Murphy (22) - IVF (98) - 28/09/2001

Egg no.	Collected	Inseminated	Procedure	Quality	Fate	Date	Stage	Quality
1	25/09/2001	25/09/2001	IVF - partner					
2	25/09/2001	25/09/2001	IVF - partner					
3	25/09/2001	25/09/2001	IVF - partner					
4	25/09/2001	25/09/2001	IVF - partner					
5	25/09/2001	25/09/2001	IVF - partner					
6	25/09/2001	25/09/2001	IVF - partner					



Any remarks can be entered here

Choose image... Choose image...

Egg no.	Date	Time	Procedure	Technician	Quality	Stage
1	26/09/2001	13:00	Observed			
1	25/09/2001	12:00	IVF - partner			
1	25/09/2001	08:00	Collected			

Record collection... Images Total view Delete... Add Cancel Save Close

Image locations are also stored in the ZILOS[®] export file and are imported into IDS[®], displaying the image as it was displayed in the ZILOS[®] interface. In addition, IDS[®] allows comments to be entered and to specify a second image and comment for each observation / procedure on each ovum / embryo.