

European regulations on artificial insemination

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Genk, 14-12-09

Timing of AIH

- * Basal Body Temp (BBT)
- * LH (Urine, Semen)
- * Ultrasound (US)
- * E₂, Progesterone

Number of AIH

- * 1
- * 2
- * 3

Luteal Support

- * hCG
- * Progesterone

Site of AIH

- * IVI * ITI
- * ICI * IPI
- * IUI * Cap

AIH sample

- * Fresh semen
- * Split ejaculate
- * Different volumes
- * Washed semen +/-
Follicular Fluid (FF)
antioxydants
PAF ...

Patient preparation

- * Natural cycle
- * Ovulation Induction
 - CC - hCG
 - (CC) - hMG - hCG
 - FSH - hCG
 - GnRH - hMG - hCG

Semen preparation

- * Swim up
- * Albumin
- * Percoll
- * Mini-percoll
- * Sephadex separation
- * Migration sedimentation
- * Glass bead separation
- * Glass wool filtration

Patient selection

- * Oligo (O)
- * Astheno (A)
- * Terato (T)
- * (O)(A)(T)
- * Immunologic

AIH & male subfertility

?

Questionnaire

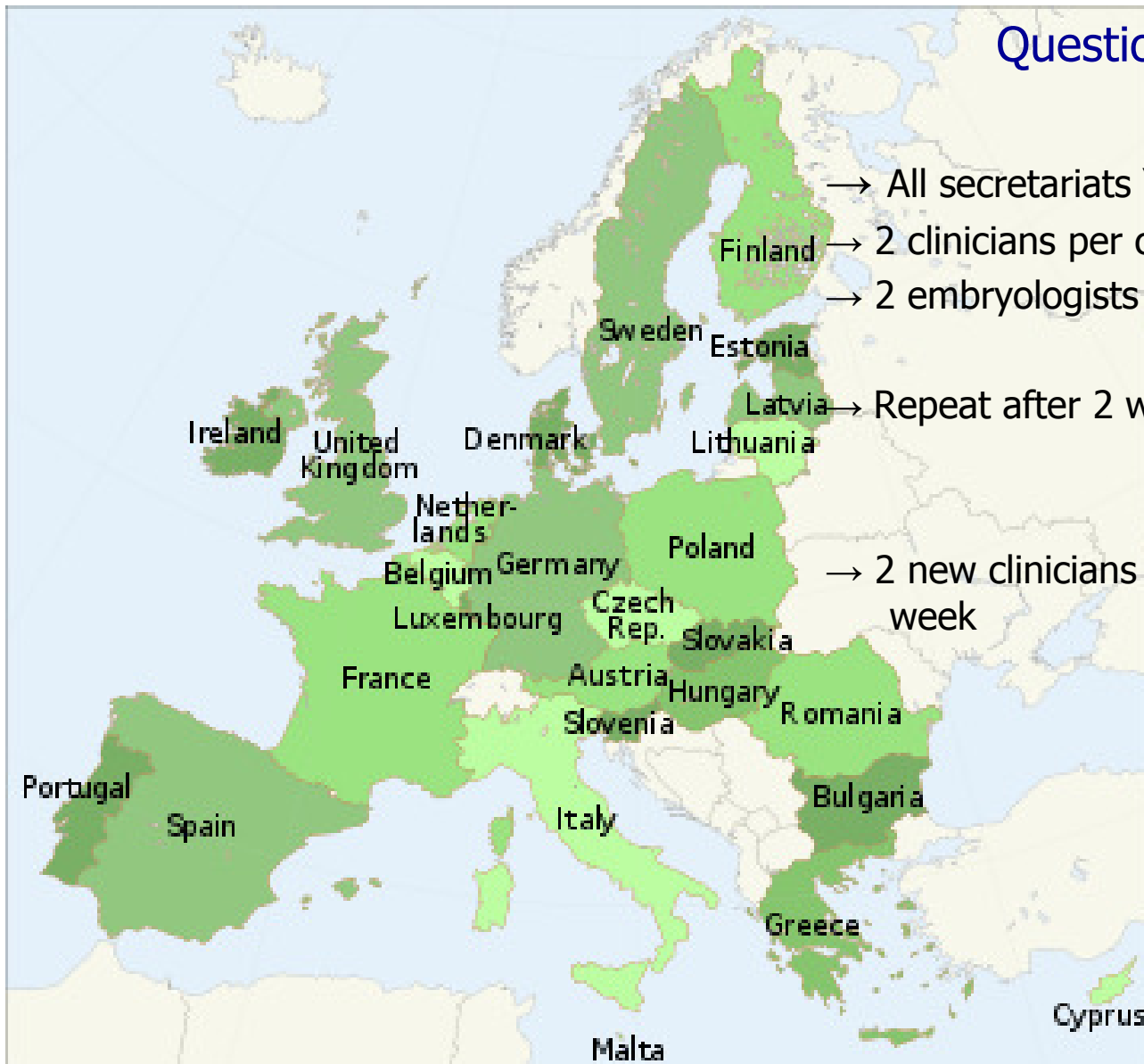
→ All secretariats "Fertility Societies" (IFFS - 15)

→ 2 clinicians per country

→ 2 embryologists per country

→ Repeat after 2 weeks

→ 2 new clinicians per country – repeat after 1 week



Methods

Questionnaire /// 5-10 min

- Alle secretariats "Fertility " (IFFS - 15)
- 2 clinici per country
- 2 embryologists per country

Repeat after 2 weeks

- 2 new clinici per country – repeat after 1 week

- Is registration for AIH available at a national level yes /// no

IUI with donor sperm (AID)

•Is AID allowed for all gynaecologists yes /// no

•Is AID restricted to infertility centres yes /// no

•Is there a reimbursement for AID (from the government) yes /// no

1.If yes: for how many cycles:amount:

•Can AID be paid by private insurance companies yes /// no

1.If yes: Partially // Totally

2.If yes: for how many cycles:amount:

•Which patients are allowed to treatment with AID

hetero-couples: yes /// no

genetic diseases (male) yes /// no

lesbian couples: yes /// no

singles: yes /// no

•Anonymous versus non-anonymous donors

Only anonymous: yes /// no

Only non-anonymous: yes /// no

Both anonymous and non-anonymous: yes /// no

•If non-anonymous donor insemination is available, is it possible for the child to know the identity of the donor

yes /// no

1.If the answer is yes: is there an age limit:

•Is there a reimbursement for sperm donors yes /// no

1.If yes, what are the options?.....

•Child-donor relationship: does the donor have legal requirements to his offspring?

no /// yes:

•Is there a maximum number of children allowed per donor in your country?

no /// yes n =

•Is registration for AID available at a national level no /// yes

Results

- 36 questionnaires from 22 countries
- 2 / 15 fertility organisations (IFFS-linked)
- Finally : 22 / 26 landen
Exception: Cyprus, Estonia, Finland, Ireland

Belgian project of ART-reimbursement

Conditions

Non-IVF (IUI, OI)

Lab/Clin Phase: 250 Euro / cycle

Medication: 340 Euro / cycle

Registration non-IVF
(optional)

≤ 35 yrs

SET cycle 1
SET or DET cycle 2
max DET cycle 3 - 6

> 35 and ≤ 39 yrs

max DET cycle 1 - 2
max TET cycle 3 - 6

> 39 and ≤ 42 yrs

No limit cycle 1 - 6

IVF/ICSI

Lab Phase: 1200 Euro / cycle

Medication: 1070 Euro / cycle

Max 6 cycles / pt

Online registration



50 % reduction of twins
↓↓ triplets
Quality control

Land	Organisation	IVF regulation	AIH regulation
Austria - 3	Ministry of health	yes	no
Belgium - 2	College Ministry of health	yes	no
Bulgaria - 2	Bulgarian transplant agency Ministry of health	yes	yes
Cyprus			
Czech	-	no	no
Denmark - 2	Ministry of health	no	no
Estonia			
Finland			
France - 2	Agence de la Biomédecine	yes	yes
Germany - 2	Ministry of health	no	no
Greece - 2	National Authority of ART	yes / no	no
Hungary - 2	Ministry of health	yes	yes/no
Ireland			

Land	Organisation	IVF regulation	AIH regulation
Italy - 1	Ministry of health	yes	yes
Latvia - 2	Ministry of health	yes/no	no
Lithuania - 1	Ministry of health	no	no
Malta - 1	-	no	no
the Netherlands 1	Ministry of health	yes	no
Poland - 1	Ministry of health	no	no
Portugal - 2	CNPMA	no	no
Romania - 1	Ministry of health	no	no
Slovakia - 1	Ministry of health	no	no
Slovenia - 2	Ministry of health	yes	yes
Spain - 3	Ministry of health	no	no
Sweden - 2	Swedish Medical Board	no	no
UK - 1	HFEA	yes	yes

Artificial
Insemination
Homologous

Land	AIH for all	Reimbursement government	Posthumous AIH	Registration AIH
Austria	yes	no	no	no
Belgium	No (labs)	Yes – 550 Euro 6 cycles	yes	yes
Bulgaria	no	no	yes / no	yes
Cyprus				
Czech	yes	Yes – 1300 CZK 6 cycles	no	no
Denmark	No (labs)	Yes – 200 Euro 3 cycles	no	yes
Estonia				
Finland				
France	No (labs)	Yes – 6 cycles – 100 %	no	yes
Germany	Yes	Yes – 6 (8) cycles – 150 Euro (50%)	no	yes
Greece	yes	no	no	no
Hungary	yes	Yes – 6 cycles – 200 Euro	no	no
Ireland				

Land	AIH for all	Reimbursement government	Private insurances	Posthumous AIH	Registration AIH
Italy	no	Yes – 3 cycles – 300-400 Euro	no	no	yes
Latvia	yes	no	no	no	no
Lithuania	yes	no	no	No regulation	no
Malta	yes	no	no	no	no
the Netherlands	yes	Yes – 6 cycles	yes	yes	no
Poland	yes	no	no	no	Yes (not obliged)
Portugal	no	no	no	no	no
Romania	yes	no	no	no	no
Slovakia	yes	no	no	no	no
Slovenia	No – licenced centres	Yes – 4 cycles – 100%	No	no	yes
Spain	yes	no	yes	yes	Yes (not obliged)
Sweden	yes	Yes - differs	Yes – 100%	no	no

AIH

- AIH for all: 14 / 22
- AIH reimbursement: 11 / 22
- Posthumous AIH : 5 / 22
- AIH registration: 9 / 22 (2 not obliged)

Artificial Insemination Donor

Land	AID for all	Reimbursement government	Private insurances	Imported donor semen	Registration AID
Austria	yes	no	no	no	no
Belgium	no	Yes – 6 cycles	partially	yes	yes
Bulgaria	no	no	no	yes	yes
Cyprus					
Czech	no	Yes – 6 cycles 1300 CZK	yes	yes	no
Denmark	yes	Yes – 5 cycles - 200 euro	partially	yes	yes
Estonia					
Finland					
France	yes	Yes – 6 cycles – 100%	partially	no	yes
Germany	yes	Yes – 6(8) cycles – 150 euro / 50%	100%	yes	no
Greece	yes	no	no	yes	no
Hungary	yes	Yes – 6 cycles – 200 euro	100%	Yes / no	no

Land	AID for all	Reimbursement government	Private insurances	Imported donor semen	Registration AID
Italy	no	no	no	no	no
Latvia	yes	no	no	no	no
Lithuania	no	no	no	no	no
Malta	yes	no	no	yes	no
the Netherlands	no	no	yes	no	yes
Poland	yes	no	no	no	yes
Portugal	no	no	no	yes	no
Romania	yes	no	no	no	no
Slovakia	no	no	no	no	yes
Slovenia	no	Yes – 4-6 cycles	no	no	yes
Spain	yes	No / yes 4 cycles	no	Yes / no	Yes / no
Sweden	no	yes	100%	Yes / no	no
UK	no	Yes – 6 cycles –	no	yes	no

AID

- AID not allowed : 2 / 22
- AID reimbursement: 9 / 20
- Imported semen allowed: 14 / 20
- AID registration: 7 / 20

Country	Genetic diseases	lesbic	singles
Austria	yes	yes	no
Belgium	yes	yes	yes
Bulgaria	yes	yes	yes
Cyprus			
Czech	yes	no	no
Denmark	yes	yes	yes
Estonia			
Finland			
France	yes	no	no
Germany	yes	no	no
Greece	yes	yes	yes
Hungary	yes	Yes / no	yes
Ireland			

Country	Genetic diseases	lesbic	singles
Italy	no	no	no
Latvia	yes	Yes / no	yes
Lithuania	no	no	no
Malta	?	?	?
the Netherlands	yes	yes	no
Poland	yes	no	no
Portugal	yes	no	no
Romania	yes	no	yes
Slovakia	yes	no	no
Slovenia	yes	no	no
Spain	yes	yes	yes
Sweden	yes	yes	no
UK	yes	yes	yes

Land	Only anonymous	Anonymous + Non-anonymous	Only non-anonymus	Age child
Austria		+		
Belgium		+		
Bulgaria	+			
Cyprus				
Czech	+			
Denmark	+			
Estonia				
Finland				
France	+			
Germany			+	18
Greece	+			
Hungary	+			
Ireland				

Land	Only anonymous	Anonymous + Non-anonymous	Only non-anonymus	Age child
Italy				
Latvia	+			
Lithuania				
Malta	?	?	?	?
the Netherlands			+	16
Poland	+			
Portugal	+			
Romania	+			
Slovakia	+			
Slovenia	+			
Spain	+			
Sweden			+	14 - mature
UK		+		18

AID

- AID for genetic disease: 19 / 19
- AID for lesbian couples: 9 / 19
- AID for singles: 9 / 19
- only anonymous: 13 / 19
- only non-anonymous: 3 / 19
- both: 3 / 19

Reimbursement donor

Yes : 11 / 19

- Austria 70-75 Euro
- Belgium travel expenses
- Bulgaria travel & other expenses
- Denmark 40 - 70 Euro
- Germany travel expenses
- Netherlands travel expenses
- Slovakia ?
- Slovenia travel expenses
- Spain 70 – 100 euro
- Sweden travel expenses
- UK expenses

No : 8 / 19

- France
- Greece
- Hungary
- Latvia
- Malta
- Poland
- Portugal
- Rumania