

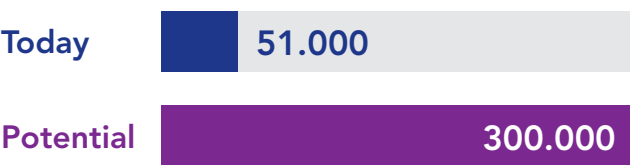
PROBLEMS TODAY

- 1. Too few women are offered treatment
- 2. The infertility treatment starts too late
- 3. Best in class IVF treatment is not available

SOLUTION

- Introduce best in class treatment to increase the birth rates
- Triple the IVF treatment capacity

POTENTIAL OUTCOME



ADDING 7 MILLION BABIES BY 2043

1. TOO FEW WOMEN ARE TREATED



22.8 MILL
Women in reproductive age (20-50 years)

10.7 MILL
Estimated to be wishing to conceive

Treatment offered today



Treatment NOT offered today



Total need of ART

2.8 mill - 0.4 mill = 2.4 mill

Treated today Potential Gap

2. IVF TREATMENT STARTS TOO LATE

Japan JSOG & US SART Data 2015	Age	< 35	35-37	38-40	41-42	> 42	Total
Number of transfers Japan		57.977	50.960	63.308	38.498	31.006	= 241.749
Live births per transfer Japan		31.8%	26.9%	19.0%	10.5%	4.2 %	= 20.0%
Live birth rate per transfer US		45.8%	38.4%	29.1%	18.2%	9.4 %	= 37.6%

TOO FEW WOMEN ARE TREATED WITH IVF

0.4 mill women treated today



3. ACCESS TO OPTIMAL STANDARD IVF TREATMENT IS NOT AVAILABLE

IMPROVE TREATMENT



Today IVF live birth rates are low (20%) compared to international best in class standards.



EFFECTIVENESS CAN BE IMPROVED BY:

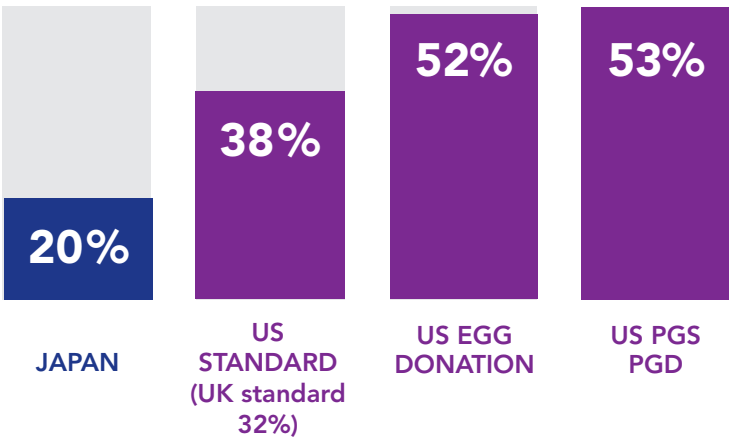
- Including ideal stimulation
- Giving access to pre-implantation genetic screening (PGS & PGD)
- Allowing egg donation (older women)
- Considering sperm donation programs

EFFICIENCY GAP IN IVF TREATMENT OFFERED

Improving the effectiveness of treatment aiming for SART rates will almost double birth rates!



IVF SUCCESS RATE



Based on SART data 2014/15

SOLUTION AND OUTCOME

PROVIDE ACCESS TO BEST IN CLASS IVF TREATMENT

US STANDARD Success rate:

37.6%

RE-ALLOCATE AND EXPAND TREATMENT CAPACITY

- Start treatment earlier
- Treat broader target group
- Re-allocate treatment from IUI to IVF and increase number of treated patients

IVF OUTCOME SCENARIO

IVF X 3

(800.000 treatments)

=

300.000

live births per year

(SIX-FOLD INCREASE IN OUTCOMES)



GOVERNMENT CALL FOR ACTION

PROVIDE GOVERNMENT OVERSIGHT AND TRANSPARENCY FOR PATIENTS

- Outline who to treat when
- Regulate processes including equipment and consumables
- Introduce system of accreditation of clinics and individuals
- Drive quality by publishing data for individual IVF clinics

