Introduction of Assisted Reproductive Technology to Israel

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Hebrew University – Hadassah Medical Centre
Jerusalem, Israel
Cleavage of human ova in vitro.
The purpose of this investigation was to develop an in vitro system in which human follicular oocytes can complete the maturation process, and undergo cleavage following exposure to spermatozoa.

Department Obstetrics Gynecology

Infrastructure

Infertility Clinic

International Reputation

Academic Achievements

Research Laboratories

Bernard Zondek

Zeev Polishuk

Joseph Schenker
Dr. Baruch Modan  Director-General of the Israeli Ministry of Health

Professor and Chairman OB/G, Hebrew University – Hadassah Medical Centre
President Medical Association, Jerusalem
Deputy Chairman Israel Medical Council
Chairman Resident Committee, State of Israel
President Israel Society Obstetrics and Gynecology
Chairman Advisory Committee to Ministry of Health

Elezer Shostak  Minister of Health
MINISTRY OF HEALTH

OFFICIAL RESPOND

TO THE REQUEST

TO START THE PROJECT OF

IVF IN ISRAEL
Hormone Research Department
Weizmann Institute
PREPARATION OF MEDIUM

Adding 3 volumes of 5 time redistilled water to one volume of HF-10 medium

ORDER - OF ADDING THE DIFFERENT COMPONENTS OF THE MEDIUM
Israel's first test-tube baby, a girl, was born

CONCEPTION 26. 5 1981 – Born Hal U.Kl

Birth Cesarean Section - 11 February 1982 -
Israel's first test-tube baby, a girl, was born several...

March 5, 1982

TEL AVIV, Israel -- Israel's first test-tube baby, a girl, was born several weeks ago, Hadassah University Hospital in Jerusalem said today. UP Archives (Google)

'There is no difference between her and a normally conceived baby,' the announcement said.

Out of respect for the parents' privacy, no details about them were given.

The implantation was done outside Israel for the birth of Israel's first baby conceived in the 'in vitro' method under which an egg is fertilized with the male's sperm and re-implanted in the female's womb.
Odelia

11 February 1982

29 April 2018
Age - 36 and 3 months
License - IVF - State of Israel

Ministry of Health

Committee for Human Experimentation
State of Israel

Religious Jewish Authorities

Leaders Religious Parties in Kneset

Chairman of the Labor and Welfare Committee
Knesset

Schenker - Parliamentary Committee
“Induced Abortion”

Menachem Porush
Rebbe Simchah Bunim Alter
Gerre Rebbe

Menachem Porush
Chairman, Agudat Yisrael -
Rabbi Ovadia Yosef
Sephardi Chief Rabbi of Israel
Spiritual leader of the **SHAS** political party

Rabbi Shlomo Goren
Ashkenazi Chief Rabbi of Israel,

Congress - Fetus as a Patient
Round table Discussion
Criteria for License IVF Units
Letter to Director Ministry of Health
Prof Baruch Modan
(15/7/1984)
Committee Inspection and License 1984
For IVF Units - State Israel

Joseph Schenker - - Chairman
Michael Schlesinger
Shlomo Machiach
Committee: Joseph Schenker, Chair, Advisory Committee to Ministry of Health
Michael Schlesinger, Chairman, Research and Development authority Hebrew University Jerusalem
Shlomo Mashiach, Head Department, Sheba Hospital

Criteria:
Clinical experience – activity
Qualified clinical personal
Qualified laboratory personal
Infrastructure
Soroka - Beersheba
Sourasky - Tel-AVIV
Hasharon - Petach Tikva
Rambam - Haifa
Carmel - Haifa
Beilinson - Petah-Tikva

Hadassah Ein-Karem - Jerusalem
Sheba - Ramat-Gan
17/11/81
20. 12. 84

Letter to Prof Dan Michaeli
Director Ministry of Health
Chairman Helsinki Committee

EMERGENCY PRE-EMBRYO FREEZING - REQUEST
Comparative study of ultrasonically guided percutaneous aspiration with local anesthesia and laparoscopic aspiration of follicles in an in vitro fertilization program.

A woman born without ovaries conceived after an ovum...

9 August 1985

JERUSALEM -- A woman born without ovaries conceived after an ovum donated by another woman was fertilized in a test tube and implanted in her uterus, Hadassah Medical Center said Tuesday.

The 36-year-old woman is now in her third trimester of pregnancy. The egg was implanted into the woman's uterus 48 hours after it was inseminated with her husband's semen, Hadassah said. The couple was not identified.

Hadassah said the woman was born with a congenital defect known as Turner's Syndrome, which is characterized by an absence of both ovaries. Women with this condition do not menstruate and lack the main female hormones.

Treatment for the woman began several months ago at Hadassah by a staff of the gynecology department headed by Dr. Joseph Schenker.

Hadassah said this is the first time in medical history that a woman in this condition has succeeded in becoming pregnant. She conceived after preparation of her uterus with a special hormonal treatment. Until the advent of in vitro (test tube) fertilization of a donated egg, there was no hope for a woman in this condition of becoming pregnant.
OVUM DONATION  BIRTH
HADASSAH

25.10.1985
Establishment of Pregnancies in the Absence of Ovaries

Hadassah - Hebrew University Jerusalem, Israel

N Engl Med 314 606-811,1986
Pregnant Without Ovaries

An Israeli woman of 38, born without ovaries—a victim of a congenital defect known as Turner’s syndrome—is scheduled to give birth any day now, if she hasn’t already. This is the first time in medical history that a woman without ovaries has become pregnant, according to Dr. Joseph Schenker.

A female donated an ovum that was fertilized in vitro (in a glass) by sperm from the Galilee woman’s husband. The woman without ovaries was treated for several months by physicians, who injected her with estrogen and progesterone, two hormones vital for pregnancy. Then they implanted a 2-day-old embryo into her potato-like uterus.

Babies Born to Women Without Ovaries Are in Good Health

Two babies born in late October conceived, made possible yet, while they are pleased.

Woman without ovaries gives birth

Medical history was made here in Israel this week when a woman without ovaries gave birth after an embryo transplant performed by doctors at the Hadassah Hospital in Jerusalem, the hospital announced yesterday.

The 38-year-old Israeli woman, who asked that her identity be kept secret, gave birth to a 2.87 kilo girl this week. Doctors said the new method is involved fertilizing a donor’s egg in vitro before implanting the egg.

Dr. Joseph Schenker of Hadassah’s Obstetrics and Gynecology Department said.
OOCYTE DONATION

SCIENTIFIC

LEGAL

RELIGIOUS

Rabbi Mordechai Eliyahu

Chief Rabbi of Israel 1983-93

“And she called his name Joseph; and said, The LORD shall add to me another son” .(Rachel)

Genesis 30:24
Committee to examine the Ethical, Halakhic, Legal Aspects of IVF Treatments and Surrogacy Agreements

S. Aloni – District Judge, Tel-Aviv
D. Amir - Sociology, Tel-Aviv, University
E. Balas - Ministry Social Work
D. Hed - , Philosophy, Hebrew University
M. Halperin - Ministry of Health
L. Lau - Chief Rabbai Tel-Aviv
C. Shalev. Law Department, Ministry of Health
J. Schenker - Obstetric Gynecology Department, Hebrew University
Hadassah, Jerusalem

SURROGACY AGREEMENT LAW 1996
Cryopreservation and transplantation of ovarian tissue as a means of preserving female fertility.

Dror Meirow
Pioneer of Human Embryonic Stem Cell Research.

1997

Director Human Embryonic Stem Cell Research Center

Hadassah Medical Center - Hebrew University
Jerusalem°
ADVANCES IN ASSISTED REPRODUCTIVE TECHNOLOGIES

VI WORLD CONGRESS OF IN VITRO FERTILIZATION
Jerusalem 3-7 APRIL 1989
CHAIR INTERNATIONAL ETHICAL COMMITTEE

International Federation of Gynecology and Obstetrics

International Federation Fertility Societies

International Academy Perinatal Medicine

Asian Societies of Obstetrics and Gynecology
ETHICAL DILEMMAS IN ASSISTED REPRODUCTIVE TECHNOLOGIES

Joseph G. Schenker
WE ARE PROUD FOR CONTRIBUTION
TRAINING IN ASSISTED REPRODUCTION WORLDWIDE
Thanks