



PRC DUBAI

BRANCH OF PACIFIC REPRODUCTIVE CENTER

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SINCE **1990** IN **USA**

**ONE OF THE BEST FERTILITY
CENTERS IN THE UNITED STATES**



PRC Fertility Center

Dubai Healthcare City

Helping Create Families Every Day



PRC Fertility Center
Dubai Healthcare City
Helping Create Families Every Day

40 YEARS OF EXPERIENCE
NOW IN DUBAI

PRC DUBAI

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- SUPERIOR CARE AND OUR CONCERN FOR YOU IS OUR PRIORITY
- LATEST TECHNOLOGY AND THE BEST TREATMENT PLANS
- 75% SUCCESS RATE

OUR SERVICE

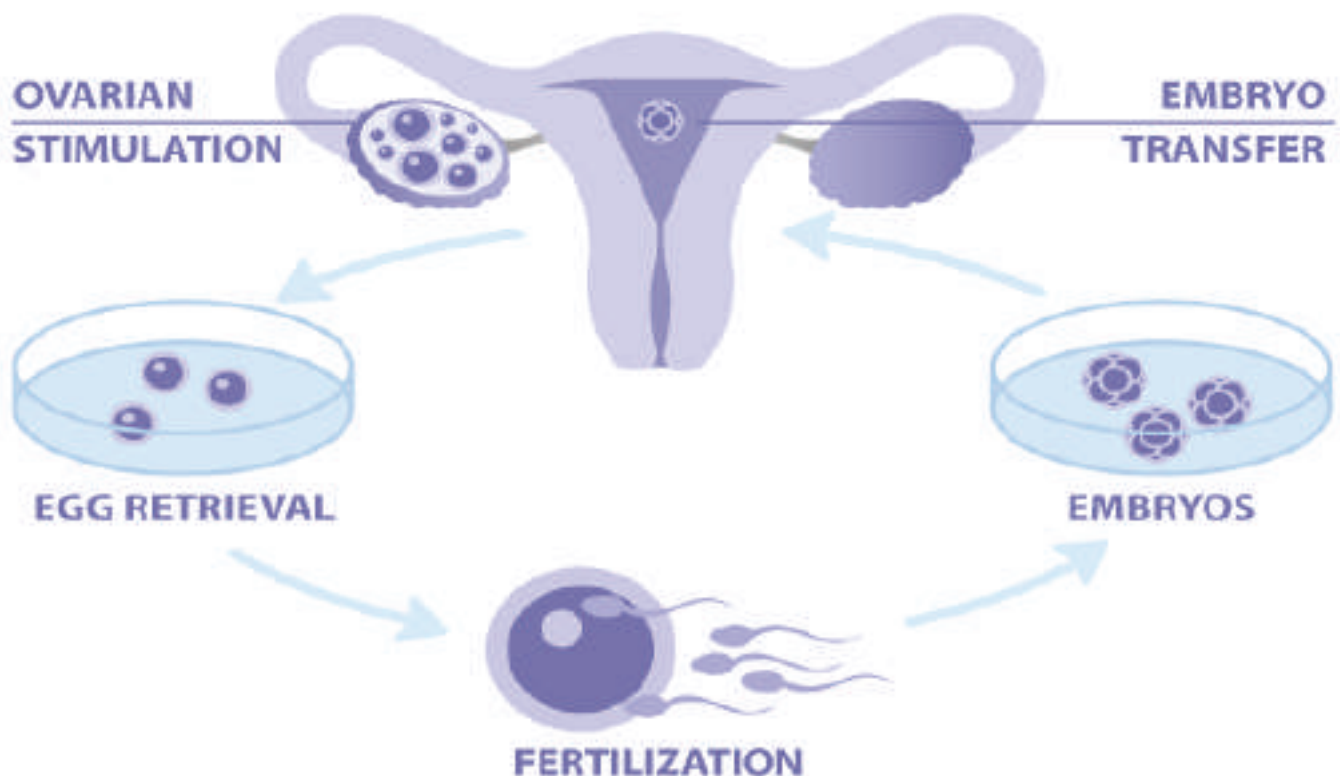
- IVF/ ICSI / IUI
- GENETIC / CHROMOSOME STUDY (PGD/PGS/ FULL CHROMOSOMES CHECKING)
- GENDER SELECTION (FAMILY BALANCING)
- HYSTEROSCOPY (REPAIR AND PREPARE THE UTERUS)



IVF/ICSI

ICSI IS AN EFFECTIVE TREATMENT FOR INFERTILITY. IT'S PERFORMED AS PART OF IN VITRO

FERTILIZATION (IVF). IT INVOLVES THE SPERM BEING INJECTED DIRECTLY INTO THE EGG



ICSI - IVF

WE ARE READY TO HELP YOU CREATE
YOUR FAMILY

STARTING STEP – CASE EVALUATION



DIAGNOSTIC TESTS AND CONSULTATION

FOR WIFE - (AMH / TSH / PROLACTIN)

FOR HUSBAND - (SEMEN ANALYSIS / SEMEN CULTURE)

**AFTER THE DIAGNOSTIC TESTS,
CONSULTATION WITH THE DOCTOR
TO EVALUATE THE CASE BASED
ON THE RESULTS, MEDICAL
HISTORY, AND THE ELABORATE
STUDY OF THE CASE, THE
CONSULTANTS WILL GIVE YOU THE
APPROPRIATE TREATMENT
PLAN FOR YOU.**

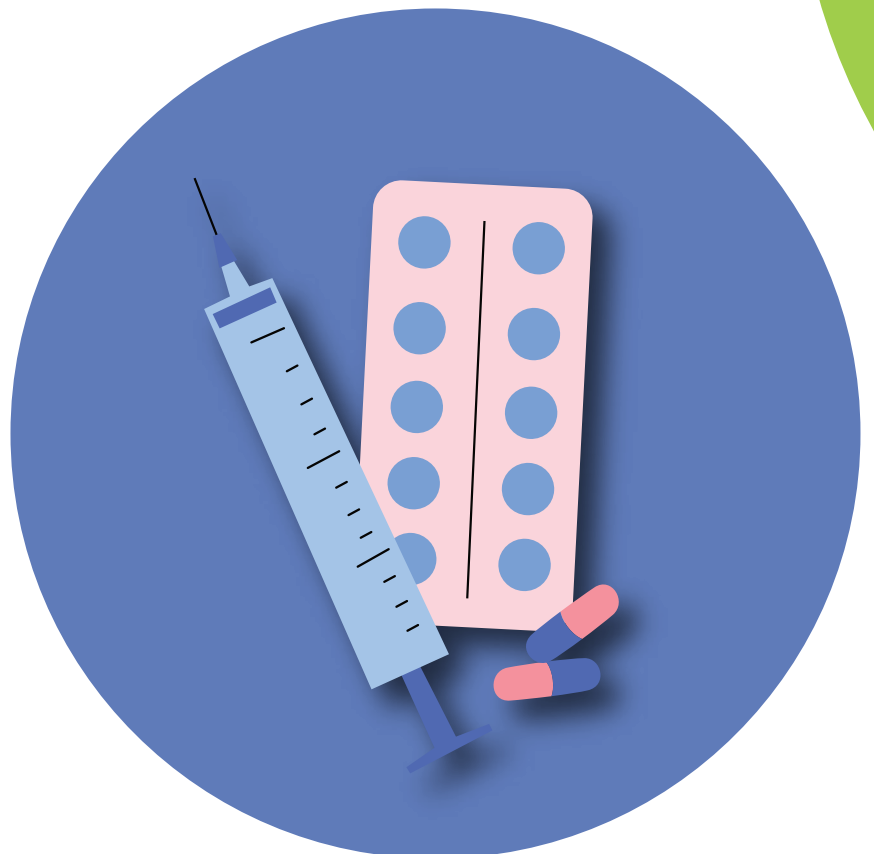


ICSI TREATMENT

1

STIMULATION OF THE OVARIES

IN THE STIMULATION PHASE OF AN ICSI CYCLE, YOU WILL USE INJECTABLE MEDICATIONS FOR APPROXIMATELY **8 TO 14 DAYS** TO STIMULATE THE OVARIES TO PRODUCE EGGS.



ICSI TREATMENT

2

EGG RETRIEVAL

A DOCTOR WILL PERFORM YOUR EGG RETRIEVAL PROCEDURE AT OUR CLINIC. ON THE MORNING OF YOUR EGG RETRIEVAL, A DOCTOR WILL MEET WITH YOU BEFORE THE PROCEDURE TO **REVIEW YOUR PROTOCOL..**

YOU WILL ALSO MEET WITH AN ANESTHETIST, WHO WILL **REVIEW YOUR MEDICAL HISTORY AND WILL ADMINISTER THE INTRAVENOUS FLUID** YOU WILL RECEIVE PRIOR TO THE START OF THE PROCEDURE TO INDUCE SLEEP



ICSI TREATMENT

3

FERTILIZATION

PART 1: MONITORING THE EMBRYOS

AFTER THE EGG RETRIEVAL, THE EMBRYOLOGIST WILL PREPARE THE EGGS AND SPERM AND INJECT ONE SINGLE SPERM INTO EACH MATURE EGG UNDER A

MICROSCOPE. THE FERTILIZED EMBRYOS ARE KEPT IN A LAB FOR **UP TO 6 DAYS**. DURING THIS TIME, THEY ARE MONITORED FOR SIGNS OF GROWTH AND DEVELOPMENT.

NOT ALL THE FERTILIZED EMBRYOS WILL BE TRANSFERRED TO THE WOMAN'S UTERUS. HENCE, THIS STEP IS ESSENTIAL TO PICK OUT THE HEALTHIEST AND MOST VIABLE EMBRYOS.



ICSI TREATMENT

3

FERTILIZATION

PART 2: EMBRYOS (GENETIC TESTING)



**PREIMPLANTATION
GENETIC DIAGNOSIS**
PGD
(CHECKING FULL 24
CHROMOSOMES)



**FAMILY BALANCING
GENDER SELECTION**

ICSI TREATMENT

4

EMBRYO TRANSFER

ONCE THE EMBRYO HAS REACHED A CERTAIN STAGE OF DEVELOPMENT, **ONE OR TWO EMBRYOS ARE SELECTED** AND TRANSFERRED TO THE WOMAN'S WOMB.

THE EMBRYO TRANSFER IS A SIMPLE PROCEDURE THAT ONLY TAKES **ABOUT 10 MINUTES TO COMPLETE**. THERE IS NO ANESTHESIA OR RECOVERY TIME NEEDED.

WHEN YOUR NURSE ARRANGES YOUR TRANSFER, SHE WILL NOTIFY YOU AND PROVIDE INSTRUCTIONS ON WHEN TO ARRIVE AND HOW TO PREPARE.



ICSI TREATMENT

5

PREGNANCY TEST

TWO WEEKS AFTER THE EMBRYO TRANSFER, YOU WILL TAKE A PREGNANCY TEST. WITH THIS STEP, WE HAVE REACHED THE END OF THE CYCLE.



HYSTEROSCOPY

ONE OF THE MOST IMPORTANT STEPS TO RAISE THE CHANCES OF SUCCESS. **HYSTEROSCOPY IS DONE AS A PREPARATION FOR IVF**, WE WILL CHECK THE UTERUS FROM INSIDE, SO THAT IF ANY ABNORMALITIES LIKE POLYPS, ADHESIONS ETC.. DOCTOR WILL REMOVE AND CLEAN THE UTERUS; ALSO, WE WILL GET MEASUREMENTS FOR THE EMBRYO TRANSFER. THE PROCEDURE IS UNDER ANESTHESIA, YOU WILL BE COMPLETELY SLEEPING, AND IT IS NOT A PAINFUL PROCEDURE THAT TAKES **ONLY 10-15 MINUTES**. IT IS RECOMMENDED FOR ALL PATIENTS, IT WILL ALSO HELP THE PATIENT TO GET GOOD RESULTS.

YOU CAN ALSO WATCH THIS VIDEO FOR
MORE INFORMATION ABOUT
HYSTEROSCOPY ↓

[HTTPS://YOUTU.BE/IIUWSA7SD3E](https://youtu.be/IIUWSA7SD3E)



IUI

IUI PREPARATION **STARTS FROM DAY 2** OF THE CYCLE. PATIENTS WILL BE INFORMED ON DAY 1 OF THE PERIOD.

DAY 2 WE WILL DO AN ULTRASOUND/ ESTRADIOL BLOOD TEST, IF THE FINDINGS ARE NORMAL, THE PATIENT IS ADVISED TO TAKE A LOW DOSE OF FOLLICLE STIMULATING HORMONES EITHER TABLET / INJECTIONS.

PATIENTS WILL BE COMING FOR ULTRASOUND **FROM DAY 11** FOR MONITORING THE FOLLICULAR GROWTH; THE VISITS MAY BE ONE OR TWO. WHEN THE FOLLICLE REACHES ITS OPTIMUM SIZE, WE WILL ADMINISTER TRIGGER INJECTION.

AFTER 36HOURS IUI WILL BE DONE, THE PARTNER NEEDS TO GIVE SEMEN SAMPLE ON THE DAY OF THE PROCEDURE.

