

Indian Fertility Society

SYNAPSES

RECURRENT ABORTIONS

RECURRENT PREGNANCY LOSS

A **pregnancy loss (miscarriage)** is defined as the spontaneous demise of a pregnancy before the fetus reaches viability. It includes all pregnancy losses (PLs) from the time of conception until 24 weeks of gestation.¹

Recurrent pregnancy loss (RPL) is defined as the loss of two or more pregnancies. This definition includes pregnancy losses both after spontaneous conception and ART, but excludes ectopic, molar pregnancies and implantation failure. It describes the cases where all pregnancy losses have been confirmed as intrauterine miscarriages.¹

PREVALENCE:

It is estimated that fewer than 5% of women will experience two consecutive miscarriages and only 1% experience three or more.¹

RISK FACTORS AND HEALTH BEHAVIOUR MODIFICATIONS IN RPL PATIENTS ¹

S.No	Risk Factors	Evidence
1.	Female Age	The risk of pregnancy loss is lowest in women aged 20 to 35 years and it rapidly increases after 40 years.
2.	Smoking	Smoking could have a negative impact on their chances of a live birth, and therefore cessation of smoking is recommended.
3.	Body Mass Index	Maternal obesity or being significantly underweight is associated with obstetric complications and could have a negative impact on their chances of a live birth and on their general health. Thus to maintain normal BMI.
4.	Alcohol	Excessive alcohol consumption is a possible risk factor for pregnancy loss and proven risk factor for fetal problems (Fetal alcohol syndrome) and therefore limit the alcohol consumption.

ETIOLOGY/INVESTIGATIONS/TREATMENT OF RECURRENT PREGNANCY LOSS ¹

S.No	Causative factor	Recommended Screening	Not recommended	Treatment
1.	Cytogenetic	None ^a	Genetic analysis of pregnancy tissue. Parental Karyotyping	Genetic counseling
2.	Hereditary Thrombophilia	None ^b	Factor V Leiden mutation, Prothrombin mutation, MTHFR mutation, Protein C, Protein S Antithrombin deficiency	Antithrombophylaxis not recommended
3.	Acquired Thrombophilia (Antiphospholipid Syndrome)	Lupus anticoagulant, Anticardiolipin antibodies (IgG, IgM) β ₂ glycoprotein I antibodies (IgG, IgM)	Inconclusive evidence	Low dose Aspirin (75-100mg/day) starting before conception. Prophylactic dose of Heparin (UFH/LMWH) starting on date of positive pregnancy test.
4.	Immunological factor	None	HLA testing, Cytokine testing, Antinuclear antibodies, Natural Killer cells, Anti HLA antibody	Inconclusive evidence
5.	Metabolic and endocrinologic	TSH/TPO antibodies, Prolactin ^u	Assessment of PCOS, Ovarian reserve testing, Serum fasting insulin Serum fasting glucose, Luteal phase insufficiency testing, Serum androgens, Serum LH	Levothyroxine for overt hypothyroidism and for subclinical hypothyroidism with positive TPO antibodies. ² Dopamine agonists for hyperprolactinemia

S.No	Causative factor	Recommended Screening	Not recommended	Treatment
6.	Anatomic (Congenital)	Transvaginal 3D Ultrasound. ^z If mullerian uterine malformations are there: Investigate for kidneys and urinary tract. If tubal patency to be investigated: SHG is preferred over HSG.	Metroplasty for bicornuate uterus. Uterine reconstruction for unicornuate uterus.	Hysteroscopy septal resection for septate uterus as it improves Live birth rate and decrease miscarriage rate.
7.	Anatomic (acquired)	Transvaginal 3D ultrasound	Inconclusive evidence	Insufficient evidence supporting hysteroscopic removal of submucosal / intramural fibroids or endometrial polyps or intrauterine adhesions
8.	Cervical insufficiency	Serial cervical sonographic surveillance is offered to women with a history of second-trimester PLs and suspected cervical weakness	Inconclusive evidence	Cerclage is considered In women with a singleton pregnancy and a history of recurrent second-trimester PL attributable to cervical weakness
9.	Male Factor	None ^π	Inconclusive evidence	Modification of lifestyle factors like, avoiding smoking, alcohol, excessive exercise and weight

α. Genetic analysis of pregnancy tissue is not routinely recommended but it could be performed for explanatory purposes like providing the patient with a reason for the pregnancy loss and help to determine whether further investigations or treatments are required). For genetic analysis of the pregnancy tissue, array-CGH is recommended based on a reduced maternal contamination effect.

Parental karyotyping can be recommended based on genetic history (like in case of the previous birth of a child with congenital abnormalities, offspring with unbalanced chromosome abnormalities in the family, or detection of a translocation in the pregnancy tissue).

β. Hereditary hemophilia screening is done if there is family history or previous VTE.

μ. Serum prolactin testing is considered when there are symptoms of hyperprolactinemia (oligo /amenorrhea).

z. If transvaginal 3D ultrasound is not available, MRI is considered.

π. Sperm DNA Fragmentation Test is done for explanatory purposes.

UNEXPLAINED RECURRENT PREGNANCY LOSS ³

No apparent causative factor is identified in 50% to 75% of couples with RPL. Patients with unexplained RPL to be counseled that the chance for a future successful pregnancy can exceed 50%-60% depending on maternal age and parity.

References

1. Atik RB, Christiansen OB, Elson J, Kolte AM, Lewis S, Middeldrop S et al. ESHRE guidelines: Recurrent pregnancy loss. Hum Reprod open 2018;1-12.
2. Alexander EK, Pearce EN, Brent GA, Brown RS, Chen H, Dosiou C et al. 2017 Guidelines of the American Thyroid Association for the Diagnosis and Management of Thyroid Disease During Pregnancy and the Postpartum. Thyroid 2017;27(3):315-390.
3. Evaluation and treatment of recurrent pregnancy loss: a committee opinion. Fertil Steril 2012;98:1103-1111.

ABBREVIATIONS:

ART: Artificial Reproductive Techniques
MTHFR: Methylenetetrahydrofolate reductase
UFH: Unfractionated Heparin
LMWH: Low Molecular Weight Heparin
TSH: Thyroid Stimulating Hormone TPO
TPO Ab: Thyroid Peroxidase Antibody
PCOS: Polycystic Ovarian Syndrome
SHG: Sonohysterography
HSG: Hysterosalpingography
VTE: Venous Thromboembolism

Dr M Gouri Devi
President

Dr Pankaj Talwar
Secretary General

Contributor

Dr Parul Garg
IVF Consultant

Dr Rupali
IVF Consultant
Executive Member
Chief Coordinator
Synapses - IFS

Dr Rhythym Ahuja
IVF Consultant
Co-coordinator
Synapses - IFS



+91 9667742015
+91 9899308083



+91 11 40018184



indianfertilitysocietydelhi@gmail.com

@ www.indianfertilitysociety.org

IFS SECRETARIAT

302, 3rd Floor, Kailash Building

Kasturba Gandhi Marg, C.P, New Delhi-110001

Contact No. 9899308083 Email Address - indianfertilitysocietydelhi@gmail.com Web - indianfertilitysociety.org

Organised by



Theme: Beyond Tomorrow

15th Annual Congress of
Indian Fertility Society
FERTIVISION
2019 6-8 December
The Leela Ambience Hotel, Gurugram
New Delhi | India

First Announcement



www.fertivision2019.com

Invitation

Dear Friends, Welcome to *FERTIVISION 2019*

On behalf of the Indian Fertility Society (IFS), we are extremely pleased to announce and cordially invite you to the much awaited academic event – the **15th National Annual Conference - Fertilvision 2019**, to be held on **6th, 7th & 8th December 2019** at Hotel **The Leela Ambience, Gurugram, New Delhi / NCR, India**.

This conference is aimed to provide the most comprehensive academic platform in the field of Infertility and Assisted Reproductive Technology (ART) befitting the theme of the meeting “Beyond Tomorrow”

Renowned and leading expert faculty from around the world would gather and deliver talks in our cutting edge scientific program which will not only enrich your current knowledge and clear all doubts faced in day-to-day clinical practice, but will also enlighten you about the latest innovations and ongoing research.

A large number of renowned international faculties have already confirmed their participations till date. The pre-congress workshops on 6th December are specially designed for informal in-depth training with hands on sessions on simulators and live, where ever feasible. There will be 4 simultaneous running streams on 7th & 8th December covering a wide variety of topics, enabling you to choose the deliberations specific to your area of interest and clinical practice. We are having a dedicated hall for the esteemed embryologist friends.

The best oral and poster presenters under various categories and the quiz winners will be honored with special awards and prizes. Do join us in large numbers and update your knowledge with most updated current standards in clinical practice, as well as get inspired to innovate further to overcome remaining enigmatic issues!

The three days of scientific program will encompass didactic lectures, keynote presentations, panel discussions and orations. There will be 9 Pre-conference workshops based on Ovulation Induction, Ultrasound, Andrology, Embryology, Hands on Embryo Transfer, Ovum Pickup and PGS and more. These workshops will be in addition to the special state of the art workshops by the faculty from IFFS and ESHRE. We expect delegates across India, Sri Lanka, Bangladesh, Nepal, Middle - East Countries and African Nations and the arrangements are being made to accommodate more than 2500 delegates.

The exhibition area will be one of the highlights of the conference. Exhibiting provides tremendous benefits to both participating industry and the society. Tea, coffee and lunch will be served confluent with the trade area to allow optimal interaction between the trade companies and delegates during beverage and lunch breaks.

We invite you to participate in the Fertilvision 2019 and exchange your expertise with more than 2500 specialists in the field of Assisted Reproduction.

We look forward to your active participation and suggestions for successful conduct of the conference.

With Our Best Regards



Dr. M Gouri Devi
Organizing Chairperson
FERTIVISION 2019



Dr. Pankaj Talwar
Organizing Secretary
FERTIVISION 2019

and All Executive Committee of Current IFS team

Scientific Highlights

1

Fertivision 2019 Would be One of the Most Comprehensive Coverage on "Best Practices, Innovations and Progress in the Field of Infertility and ART" Being Conducted in India.

2

We Promise You Cutting Edge Academic Deliberations Delivered by Leading Renowned Expert Faculty from Around the world befitting the Theme of the Meeting "Beyond tomorrow"

3

In the Conference There Would Be 4 Simultaneous Halls Running with Legendary Faculty in Lead Interacting With You, Covering a Wide Variety of Topics, and Enabling You to Tailor the Program Especially to Your Area of Interest and Clinical Practice. We are Having a Dedicated Hall for the Esteemed Embryologist Friends.

4

Along With the Main Conference We are Having 9 Pre -Congress Workshops on 6th Dec 2019 Pertaining to the Burning Issue in ART.

5

We Welcome You and Offer You This Opportunity to Showcase Your Research Work on a Prestigious National Platform and Enhance Your CV.

6

Scientific Quiz for sharp talented young minds with primary rounds conducted by various IFS Chapters across the country and abroad

7

Several Prizes and Awards for Best Paper, Poster and Quiz winners

8

Enjoy the Evenings With Exciting Social and Cultural Program

9

Sightseeing Tours in and Around Delhi Organized Professionally by Leading Event Management Teams.

10

A Great Opportunity for All of Us to Amalgamate the Most Updated Current Standards in Our Clinical Practice and Look Beyond Tomorrow

Limited Seats

Choose from 10 Pre Conference Workshops | 6 December

- 1) *IFFS Workshop on Do's and Don'ts in Ovarian Stimulation*
- 2) *Reproductive Surgery*
- 3) *Ultrasonography Imaging In Infertility*
- 4) *Andrology & Semenology*
- 5) *Ovum Pickup and Embryo Transfer (With Simulators)*
- 6) *Cryobiology*

- 7) *Total Quality Management*

Pre Lunch Workshop (0900 - 1300 Hrs)

- 8 A) *Holistic Medicine and Patient Counselling*

Post Lunch Workshop (1400 - 1700 Hrs)

- 8 B) *Publish or Perish*

- 9) *PGT and Genomics*

Early Bird Reg. Ends 1st September

Registration Details

Category	Early Bird Fees Till 1st September 2019		Regular Fees Till 15th October 2019		Onspot	
IFS Member	INR 10500		INR 12500		INR 14500	
Non IFS Member	INR 12500		INR 14500		INR 16500	
Conference Registration plus Life Time IFS Membership	Embryologist	INR 14500	Embryologist	INR 16500	Embryologist	INR 18500
	Gynaecologist	INR 15500	Gynaecologist	INR 17500	Gynaecologist	INR 19500
PG Students (No Dinner)	INR 6000		INR 7000		INR 8000	
Accompanying Person	INR 10500		INR 11500		INR 12500	
Foreign Delegates	\$ 350		\$ 400		\$ 500	

Inclusive of 18% GST

Register at www.fertivision2019.com

Venue:

**The Leela Ambience Hotel, Gurugram
New Delhi | India**



The Leela Ambience Hotel & Residences is located on the fringe of the Gurgaon Central Business District, fifteen minutes from Delhi's International Airport and thirty minutes from Central Delhi. In addition to 322 contemporary and world class five star deluxe rooms and suites, The Leela Ambience Gurgaon also features 90 residencies (with one, two and three bedroom) fully serviced luxury Residences.

Multi Award winning restaurants include; Multi-cuisine all day dining– Spectra, Italian – Zanotta, cucina Italiana, North Indian – Diya and whisky bar- Rubicon. The "Royal Club" is located on the 6th floor of the Hotel. The Royal Club features are 24 hour butler service, with evening cocktails and a Boardroom.

The 27,000 square feet, beautifully finished convention facilities, meeting and boardrooms were recently awarded the prestigious 5-Star deluxe "Best Luxury Hotel and Conference Centre – India".

This venue has been chosen with a lot of care and thought keeping in mind the comfort and also enjoyment of the delegates when visiting Delhi.

Conference Secretariat

Indian Fertility Society

302, 3rd Floor, Kailash Building,
26, Kasturba Gandhi Marg
C.P, New Delhi - 110001
+91-9667742015, +91-9899308083
+91-11-40018184



Conference Manager

Conferences International

Mr. Sumeet Ghai
B-220/2, 2nd Floor,
Opposite Kali Masjid, Savitri Nagar
New Delhi – 110017
Mobile: +91 9560493999

fertivision2019@gmail.com

FERTIVISION

2019

6-8 December The Leela Ambience Hotel
Gurugram, New Delhi, NCR | India

Organised by



Registration Form

Title Prof/ Dr/ Mr/ Ms _____

Gender : Male ☐ Female ☐

First Name _____ Last Name _____

Institution _____ IFS Member No. _____

Correspondence Address _____

City _____ Pin Code _____ State _____

Mobile No. _____ Email _____

(All the above fields are mandatory)

Limited
Seats

Choose from 9 Pre Conference Workshops | 6 December

Choose Any 1 Workshop

- | | | |
|----|--------------------------|---|
| 1) | <input type="checkbox"/> | IFFS Workshop on Do's and Don'ts in Ovarian Stimulation |
| 2) | <input type="checkbox"/> | Reproductive Surgery |
| 3) | <input type="checkbox"/> | Ultrasonography Imaging In Infertility |
| 4) | <input type="checkbox"/> | Andrology & Semenology |
| 5) | <input type="checkbox"/> | Ovum Pickup and Embryo Transfer (With Simulators) |
| 6) | <input type="checkbox"/> | Cryobiology |

- | | | |
|---------------------------------------|--------------------------|---|
| 7) | <input type="checkbox"/> | Total Quality Management |
| Pre Lunch Workshop (0900 - 1300 Hrs) | | |
| 8 A) | <input type="checkbox"/> | Holistic Medicine and Patient Counselling |
| Post Lunch Workshop (1400 - 1700 Hrs) | | |
| 8 B) | <input type="checkbox"/> | Publish or Perish |
| 9) | <input type="checkbox"/> | PGT and Genomics |

Registration Fees

Inclusive of 18% GST

Please tick the appropriate checkbox

Category	Early Bird Fees Till 1st September 2019		Regular Fees Till 15th October		Onspot	
IFS Member	INR 10500	<input type="checkbox"/>	INR 12500	<input type="checkbox"/>	INR 14500	<input type="checkbox"/>
Non IFS Member	INR 12500	<input type="checkbox"/>	INR 14500	<input type="checkbox"/>	INR 16500	<input type="checkbox"/>
Conference Registration plus Life Time IFS Membership	Embryologist	INR 14500 <input type="checkbox"/>	Embryologist	INR 16500 <input type="checkbox"/>	Embryologist	INR 18500 <input type="checkbox"/>
	Gynaecologist	INR 15500 <input type="checkbox"/>	Gynaecologist	INR 17500 <input type="checkbox"/>	Gynaecologist	INR 19500 <input type="checkbox"/>
PG Students (No Dinner)	INR 6000	<input type="checkbox"/>	INR 7000	<input type="checkbox"/>	INR 8000	<input type="checkbox"/>
Accompanying Person	INR 10500	<input type="checkbox"/>	INR 11500	<input type="checkbox"/>	INR 12500	<input type="checkbox"/>
Foreign Delegates	\$ 350	<input type="checkbox"/>	\$ 400	<input type="checkbox"/>	\$ 500	<input type="checkbox"/>

Inclusive of 18% GST

Conference Registration Fees Includes

- 18 Hrs of World Class Academic Program with Access to Best & Brightest International & National Faculty
- 3 Lunches and 6 Tea / Coffee Served During the Conference on 6, 7 & 8 December
- Banquet Dinner on 7 December
- Conference Kit (Including Bag, Badge, Notepad, Certificate & Pen)
- 1 Pre Conference Workshop
- Accompanying Person is Entitled for Food Coupons Only

Cancellation Policy

- Cancellation till 31st October, 2019 – 50% Refund.
- Cancellation from 1st November, 2019 – No Refund.
- All refunds will be made after the congress.

Cheque / Draft No. _____ Total Amount _____

Note: Kindly email us bank deposit slip / UTR number once you made the payment for our record.
Payment confirmation will take 7-10 working days post deposit of cheque, DD or RTGS

3. To Register online log on to www.fertivision2019.com

Mode of Payment

1. Bank Draft/Cheque - To be made in favor of
"INDIAN FERTILITY SOCIETY"

2. Bank Transfer Details

IFS Account Name : Indian Fertility Society

Account Number: 50562010067180

IFSC Code : ORBC0100179

Bank Name: Oriental Bank of Commerce

Branch: Connaught place, New Delhi- 110001

Congress Manager's

Mr. Vikas Sharma
Conferences International
B-220/2, 2nd Floor,
Opposite Kali Masjid, Savitri Nagar
New Delhi – 110017
M: +91-9560493999
Email: fertivision2019@gmail.com



Please send Registration Form along with cheque / draft at the following address

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