



Indian Fertility Society

VAGINAL INFECTIONS

SYNAPSES

Vaginitis (inflammation of the vagina) is the most common gynecologic condition encountered in the office as the **most women have at least one episode of vaginitis during their lives**. Discharge flows from the vagina daily as the body's way of maintaining a normal healthy environment. Normal discharge is usually clear or milky with no smell. **A change in the amount, color, or smell; irritation; or itching or burning could be due to an imbalance of healthy bacteria in the vagina, leading to vaginitis.**

The normal postmenarchal and premenopausal vaginal pH is 3.8-4.2. At this pH, growth of pathogenic organisms usually is inhibited. **Disturbance of the normal vaginal pH can alter the vaginal flora (predominantly lactobacilli), leading to overgrowth of pathogens.**

Factors that alter the vaginal environment are age, immunological status, feminine hygiene products, contraceptives, vaginal medications, antibiotics, sexually transmitted diseases (STDs), sexual intercourse, and stress.

The most common causes of vaginitis in symptomatic women are bacterial vaginosis (40-45%), vaginal candidiasis (20-25%), trichomoniasis (15-20%) followed by aerobic vaginitis.¹

The etiology, diagnostic tests and recommended treatment are summarized as per table 1,2,3.

Table 1: Etiology and Clinical Features²

Bacterial Vaginosis	Aerobic Vaginitis	Candidosis	Trichomoniasis
Organisms			
Anaerobic organisms: Gardnerella Vaginalis Mycoplasma hominis Mobiluncus spp. Prevotella spp.	Escherichia coli, Group B Streptococcus, Staphylococcus aureus	Candida albicans(90%), Candida glabrata	Trichomonas vaginalis
Symptoms			
50% asymptomatic	10-20% asymptomatic	60% women colonised	10-50% asymptomatic
Thin white homogenous discharge,coating walls of vagina and vestibule	Purulent discharge	Curdy vaginal discharge	Offensive vaginal discharge in 70%, frothy and yellow in 10-30%
Offensive fishy odour	Vulval Burning	Vulval itching	Vulval itching / irritation
	Superficial dyspareunia	Superficial dyspareunia	Dysuria
			Rarely abdominal discomfort
Signs			
Absence of vaginitis	Vaginal erythema and oedema	Satellite skin lesions	Vulval erythema
	Vaginal ulceration	Vulval oedema	Vaginitis
			2% strawberry cervix visible to naked eye

Table 2: Diagnostic Tests²

Causative factor	Recommended best test to diagnose
Bacterial Vaginosis	Microscopy using Hay Ison criteria
Aerobic Vaginitis	Microscopy
Candidosis	Microscopy
Trichomoniasis	NAATs (Nucleic Acid Amplification Tests)

Table 3: Recommended Treatment²

Bacterial Vaginosis	Aerobic Vaginitis	Candidosis	Trichomoniasis
Oral Metronidazole (400-500mg) twice daily x 5-7days OR Intravaginal Metronidazole gel (0.75%) once daily x 5 days OR Intravaginal Clindamycin cream (2% once daily) x 7days	Intravaginal 2% Clindamycin cream 5g x 7-21days	Oral Fluconazole 150mg single dose/ Itraconazole 200mg twice daily x 1 day OR Intravaginal single dose Clotrimazole (500mg)/ Miconazole (1200mg)/ Econazole (150mg)	Oral Metronidazole (400-500mg) twice daily x 5-7days OR 2g oral Metronidazole as single dose OR Oral Tinidazole 2g as single dose
Recurrent Cases	Severe Cases	Recurrent Cases	Recurrent Cases
Intravaginal Metronidazole	Intravaginal Clindamycin + Intravaginal steroids (hydrocortisone 300-500mg) x 7-21days	3 days induction course of oral Azole followed by weekly for 6 months	Repeated course of Nitroimidazole at a higher dose
	Significant Atrophy		
	Local estrogens		

Management during pregnancy

The current best treatment for Bacterial vaginosis in pregnant women is clindamycin, for candida is topical azole preparations and for Trichomoniasis is metronidazole.²

Management of sexual partners

The male partner do not require treatment in case of Candidiasis, bacterial vaginosis and aerobic vaginitis etc. If the women diagnosed with trichomoniasis, their male sexual partners are treated.²

References

1. Paladine HL, Desai UA. Vaginitis: Diagnosis and Treatment. Am Fam Physician2018;97(5):321-329.

2. Sherrad J, Wilson J,Donders G,Mendling W, Janson JS, editor. 2018 European (IUSTI/WHO) International union against sexually transmitted infections(IUSTI) World Health Organisation (WHO) Guideline on the Management of Vaginal Discharge.Int J STD AIDS 2018;29(13):1258-1272.

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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



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 honoured 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 Preconference workshops based on Ovulation Induction, Ultrasound, Andrology, Embryology, Hands on Embryo Transfer, Ovum Pickup 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

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)

Choose from 10 Pre Conference Workshops | 6 December

Choose Any 1 Workshop

- 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) ☐ QA / QC

Pre Lunch Workshop (0900 - 1300 Hrs)

- 8 A) ☐ Counselling & Psychological Support

Post Lunch Workshop (1400 - 1700 Hrs)

- 8 B) ☐ Research Methodology

- 9) ☐ PGT and Genomics

Inclusive of 18% GST

Registration Fees

Please tick the appropriate checkbox

Category	Early Bird Fees Till 15th July 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 RTGS3. 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

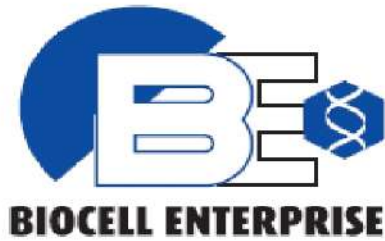
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