

MAY 2014

# Theme : Focus from Competition to Contribution

President Dr. Dilip Gadhavi +91 98980 47505 drdilipgadhavi@gmail.com

 Hon. Secretary **Dr. Vinod Arora** +91 98252 49340 vndarora27@gmail.com

- President Elect +91 98250 87144
- Jt. Secretary Dr. Raj Iyengar +91 98240 57054
- Treasurer Dr. Hemant Bhatt

+91 98250 10940

Dr. Geetendra Sharma +91 98252 98762

Vice President

#### Managing Committee

Dr. Anjana Chauhan Dr. Dhaval Shah Dr. Jitendra Prajapati Dr. Shahswat Jani Dr. Kamini Patel Dr. Kaushik Vyas

Dr. Mukesh A. Patel Dr. Mukesh Savaliya Dr. Snehal Kale

- Ex-Officio Dr. Mahesh Gupta Dr. Phagun Shah
- Co-opt members Dr. Jignesh Shah Dr. Dipesh Dholakia
- Special Invitee
  - Dr. Vijay Shah Dr. Pragnesh Shah Dr. Anil Mehta Dr. Sunil Shah Dr. Uday Patel

# Editor's Report

#### **Dear Friends,** Season's greetings !

Our new TEAM AOGS feels extremely happy to present this first issue of AOGS bulletin of the year 2014 – 15 with new design and cover page.

We are thanking you for coming in large numbers in Installation Ceremony & making it a Grand Occassion. After installation ceremony on 6th April, 2014, we have officially started working for future programmes of AOGS. We can assure you that you will get extremely good amount of academic & entertainment stuff throughout the year.

We Congratulate Dr. Mahesh Gupta & his team for successfully completing a year with so many unforgettable good memories. We will surely try to reach that level.

So, now let's start this year with new academic & entertainment events.

We need your whole hearted support & blessings during the year.

Warm Regards,

Editorial Team Dr. Snehal kale Dr. Dr. Anjana Chauhan Dr.

Dr. Dhaval shah, Dr. Shashwat Jani



# बेटी बचा आ

जरस एक सवाल... मातृशक्ति यदि नहीं बची तो बाकी यहाँ रहेगा कौन ? प्रसव वेदना, लालन-पालन सब दुःख-दर्द सहेगा कौन ? मानव हो तो दानवता को त्यागो फिर ये उत्तर दो -इस नन्हीं सी जान के दुश्मन को इंसान कहेगा कौन ?



# PRESIDENT/HON. SECRETARY'S MESSAGE

#### Dear friends,

At the outset we thank all of you for showing the trust & giving us the opportunity to serve our esteemed organisation for the year 2014-15.

Friends, we feel extremely happy to communicate with you through this news bulletin. The theme for this year is "Focus from competition to contribution." Friends competition always brings stress with it. So we believe that we all have to contribute in whatever little way we can for the betterment of our profession, our organisation & our society at large. We shall also contribute to save the girl child & the motto of the year is "BETI\_VADHAAO". It is the collective responsibility of all of us to educate & promote the society to improve the sex ratio.

Friends, last year AOGS had witnessed excellent activities in all the fronts - academics, social, entertainment & family events. For that we recognise the hard work of the whole team of AOGS & congratulate the team leaders Dr. Mahesh Gupta (president) & Dr. Phagun Shah (Hon. Sec.) for their vision, dynamic leadership & hard work through out the year.

We assure you our sincere hard work & contribution through out the year for the betterment of our organisation & expect your same whole hearted support & love that you showered during the last year.

Any suggestion for the betterment of our society is always welcome.

Sincerely yours in AOGS.

Dr. Dilip Gadhavi (President-AOGS) **Dr. Vinod Arora** (Hon. Secretary-AOGS)

# AOGS

# **INSTALLATION CEREMONY REPORT**

On 6th April, Sunday 2014 A Grand occasion of installation ceremony was organized in presence of AOGS members & dignitaries from various other fields. It was the occassion of Installation & Oath taking ceremony of the new AOGS team (2014 - 15).

Dr. Arti Patel & Dr. Jayesh Patel were Masters of ceremony. They did their work with full enthusiasm.

Dr. Snehal Kale started the programme with nice prayer. Dr. Sharad Thaker, writer of 'Doctor ni Diary' in Divya Bhaskar gave his humorous speech in his original style. Everyone enjoyed a lot.

After that our immediate past President Dr. Mahesh Gupta gave Welcome speech for NEW TEAM AOGS 2014 – 15. Then Dr. Phagun Shah gave Secretary's report which was excellent & appreciated by all with full satisfaction.

Oath taking ceremony started by Dr. Bipinbhai Patel (President IMA GSB).

Dr. Dilip Gadhavi & his Team took oath under guidance of Installation Officer Dr. Bipinbhai Patel. Dr. Dilip Gadhavi and Dr. Vinod Arora were officially declared President & Hon. Secretory of AOGS respectively.

Dr. Dilip Gadhavi in his speech introduce his new team, told his future plans for AOGS and thanked everone for giving support.

Chief guest Hon. Justice Gujarat High Court Shri Pareshbhai Upadhyay gave his speech about Medico legal aspects & PNDT ACT & gave blessings to the new team AOGS.

Hon. Secretory Dr. Vinod Arora ended the programme with Vote Of Thanks.

Total more than 130 delegates from AOGS were present. Dignitaries like Shri Pravin Rashtrapal (M.P.), Dr. Mukulbhai Shah (Pro Vice Chancellor -Guj -Uni) Dr. Jitubhai Patel (President IMAHQ), Dr. Vidhyut Desai (President AMA) also attended the function. Many senior members of AOGS like Dr. Vilasben Mehta, Dr. Vishakhaben Shah, Dr. Atul Munshi were also present to give their blessings. SOGOG chairperson Dr. Shushmaben Baxi from Baroda along with office bearers of many other societies of Gujarat honoured us by their gracious presence.

Everyone departed after having delicious lunch.



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# Installation Ceremony : 6<sup>th</sup> April, 2014





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# **CME - 2**

Date & Day 11<sup>th</sup> May 2014, Sunday.

Time9. 30 am Onwards

# Venue Hotel Fortune Landmark, Ashram Road, A'bad.

Time	Topic/Programme	Speaker	Panelist	
09.30 am to 10.00 am	Reg. Breakfast & Fellowship.			
10.00 am to 10.15 am	P G lecture.			
10.15 am to 10.35 am	Dinogest : A miracle molecule			
	in treatment of endometriosis	Dr. Kanti Bansal		
10.35 am to 10.55 am	Obesity & PCOS	Dr. Kamini Patel		
10.55 am to 11.15 am	Role of DHEA in low	Dr. Kamini Rao		
	ovarian reserve	(Banglore)		
11.15 am to 11.30 am	G K quiz	Dr. Raj Iyengar		
11.30 am to 12.30 pm	Panel Disscussion PCOS	Moderator	Dr. Tejas Dave	
	the dilemma	Dr. Kamini Rao	Dr. Pallavi Satarkar	
		(Banglore)	Dr. Sanjay Bhrambhatt	
			Dr. Sunil Shah	
			Dr. Arti Gupte Shah	
Lunch				

# **Programme Sponsor : Akumenties (Harmonica)**

# **CME - 3**



Is DHEA the Answer to Low Ovarian Reserve ? Dr. Norbert Gleicher (International Faculty) Chairpersons : Dr.Chaitanya Nagori & Dr.Sanjay Patel Date & Day : 30<sup>th</sup> May 2014, Friday. Time : 8:30 pm onwards Venue : Hotel Hyatt, Alfa One Mall, Vastrapur. Programme Sponsor : Sun Inca programme will be followed by dinner

# **Smile Please**

An Economist beautifully explained two reasons for having 2 wives. A- Monopoly should be broken. B- Competition improves the quality of service.

> If u have 1 wife, She fights with u!

If u have 2 wives, They will fight for u!

Feel the difference & decide..

Author is not responsible for any side effects....

અમેરીકન, રશિયન અને ભારતીચ એક એવા દેશમાં ગયા જ્યાં ડોલરનો વરસાદ થતો હતો.

અમેરીકને એક સ્ટેડીચમ જેટલું વર્તુળ દોરીને કહ્યું કે આમાં પડે એટલા બધા મારા.

રશિ<mark>ચને મોટા ગામ જેટલું વર્તુ</mark>ળ દોરીને કહ્યું <del>કે આમાં પડે એટલા બધા મારા</del>.

ભારતીય શાંતિથી બેઠો હતો.

ધીમે રહીને તે ઊભો થયો ખિસ્સામાંથી પેન કાઢીને જમીન પર એક ટપકું કર્યું અને બોલ્યો :

> 'આની બહાર જેટલા પડે એટલા બધા મારા !'



# **Checklist for Evaluation of recurrent Miscarriages**

(After 2 consecutive miscarriages)

# MANDATORY

- Detailed history including smoking / alcohol / drugs
- O Check Age & BMI

#### O Routine Tests

- Complete Blood Count
- Blood grouping & Rh typing
- Urine routine

#### **O** APLA Profile

- Anticardiolipin Antibodies lgG & lgM
- Lupus Anticoagulant testing
- B2 glycoprotein 1 antibodies (If available)

#### O Hormonal Tests

- Thyroid function tests / TPO antibodies
- Test for ovarian reserve AMH (>35 yrs of age)

#### Glucose metabolism

• Fasting & 2 hours post 75g glucose

#### • Evaluation for structural Uterine anomalies

- TVS/Hysterosalpingogram / Sonosalpingogram (Saline infusion ultrasonography)/hysteroscopy
- Diagnosing cervical incompelence in pregnancy by-
  - TVS assessment of cerical length and funneling of Os

#### O Genetic Testing

• Karyotyping of both parents

# **UNDER RESEARCH\***

Auto immune Screen

#### **Antinuclear Antibodies**

- Anti double strsnd DNA
- Fasting Homocysteine level
- Inherited Thrombophilia Screening
- **O** Peripheral Thrombophilia Screening
- Peripheral Natural Killer cell count
- O Genetic Testing
  - Karyotyping / FISH analysis of products of conception
  - Single gene defect screening-if there is a family history

#### Screening the Genital Tract

- Chlamydia test
- Bacterial vaginosis screen
- High vaginal / Endocervical swab
- Urine culture
- TB-PCR, Testing for genital TB
- Semen Culture

# **TORCH Testing is not necessary**

Endorsed by FOGSI Family welfare Committee (2009-12)



# **Checklist for Evaluation of Threatened Miscarriage**

(Early pregnancy Bleeding)

## History

- LMP
- Pattern and amount of bleeding
- Presence of pain
- Spontaneous / precipitating factory

#### Laboratory tests

- Urine Pregnancy test
- CBC
- Blood group and Rh typing (cross match if heavy bleeding)
- Urinalysis
- Ultrasonagraphy
- (Preferably Transvaginal)
- Serum B hCG levels

# Transvaginal ultrasound

- 1) Viable intrauterine pregnancy (check subchorionic bleed)
- 2) Intrauterine pregnancy of uncertain viability
  - a. MSD<25mm, CRL<6mm - repeat TVS after 7 to 14 days)
  - b. MSD>25mm, CRL>6mm Missed miscarriage
- 3) Empty Uterus rule out ectopis pregnancy by serial B hCG

## Clinical and Pelvic examination

- Vital signs
- Source and amount of bleeding
- Passage of tissue
- Cervical tenderness (Suspect ectopic pregnancy)
- Os closed / open
- Uterine size
- Adnexal mass (Suspect ectopic pregnancy)

# Serum B hCG

- Intrauterine pregnancy should be visible on TVS at serum B hCG titer of 1500IU or more (Corresponding B hCG cut off for TAS is 6000IU)
- In viable intrauterine pregnancy, serum B hCG usually increases by over 66% in 48 hrs
- Plateauing or suboptimal rise in B hCG is suggestive of ectopic pregnancy / failing intrauterine pregnancy
- Falling B hCG titer is suggestive of non viable pregnancy

Endorsed by FOGSI Family welfare Committee (2009-12)





Betters the odds of achieving pregnancy

#### "Improvement in AMH levels with DHEA supplementation is highly predictive of pregnancy success"<sup>2</sup>

- Effective in improving functional ovarian reserve (FOR) in women with diminished ovarian reserve (DOR)<sup>1</sup>
- Significantly improves AMH concentration<sup>3</sup>
- Improves ovarian function & increases pregnancy chances<sup>2</sup>
- Increases the no. of FSH receptors expressed in granulosa cells<sup>4</sup>
- Increases IGF -1 concentration, which can promote gonadotropin effects by  $= 150\%^4$



1. Glichen V et al Repord Biol Endocrinol. 2011 Aug 17:9:116. doi: 10.1186/1477-7827-9-116 2. Glichen W. Band DH. Repord Biol Endocrinol. 2011 May 17:967. doi: 10.1186/1477-7827-9-67 3. Glichen W. Wander K. Band DH: Rend Biolmen Ohrine. 2010 Sap2(10):360-5. doi: 10.1016/j.thmo.2010.04.001 4. Artini PG, et al Gymecol Endocrinol. 2012 Sep268(9):669-73. In treating Female infertility **Expect More** 



- N-acetyl cysteine is a potent antioxidant & Anti-androgenic agent<sup>1</sup>
- L-arginine increases endometrial thickness & helps in implantation & decidualization<sup>2,3</sup>
- Grape seed extract is a potent oxygen free radical scavenger<sup>4</sup>
- Coral calcium improves sperm penetration capability<sup>5,6</sup>
- Lacidophilus maintains the normal vaginal flora<sup>7</sup>

#### Dosage:

one capsule twice daily or as directed by physician

Ref. 1. Bits et al. Fert1 Stert 2005 Feb:83(2):357-70 2. Mortin et al. Acta Obstef Spinoro Scand 2005; 84:1020-1034 3. Bitsaulo At et al. Ferst Sond: 200 Apr;2005 (181-14 4. Bigschi JU, et al. Res Commun. Mol Patho Pharmacol. 1907; 95(2): 179-89 5. Bitsand At et al. 1-171 Bitsant 1900; 320: 005-12 6. Semihard et al. 1-171 Bitsant 1900; 320: 005-12 1. Juanne 6 et al. Gimme Inforces Disease 2010; 52: 690-77 Juanne 6 et al. Gimme Inforces Disease 2010; 52: 690-77









**Endoscopy Training Programme** (FOGSI Approved)

# **Training Features**

- Live Surgeries with interaction
- Theory Lectures
- Daily Dry Lab
- Paramedical Staff Training Available

Dr. Tejas Dave M. D. (Gyn) Endoscopic Surgeon

**Dr. Jigna Dave** M. D. (Gyn) Infertility & IVF Specialist

A unique training Programme which will allow trainee doctors to learn the subject of Endoscopy in details.





he most efficient, technologically advanced and trusted IVF group in India in partnership with IVI, Spain

#### **Key Differentiators**

- Results matching international standards
- Evidence -based practice
- World-class training and research facility
- Highest standards of ethics
- Better patient satisfaction
- Cost-effective treatment

#### **Services Offered**

- IUI IVF ICSI
- Frozen Embryo transfer
- Vitrification / cryopreservation of sperms, Oocyte & Embryos
- Assisted hatching
- Sperm, Ovum & Embryo donation
- Surrogacy

#### Advance Technology

- IMSI (Intracytoplasmic Morphologically- Selected Sperm Injection)
- Embryoscope
- PGD (Preimplantation Genetic Diagnosis)
- CGH (Comparative Genomic Hybridization Analysis of all chromosomes in embryo).
- ERA(Endometrial Receptivity Assay)



#### Ahmedabad | Bengaluru | Chennai | Delhi | Kolkata | Mumbai

• Infertility and Gynecological Endoscopy • Fetal medicine • Menopause

Directors - Dr. Pravin Patel | Dr. Manish Banker



#### Nova IVI Fertility, Pulse Women's Hospital Pvt. Ltd.

108, Swastik Society, Navrangpura, Ahmedabad- 380009. T: +91 79 26422626 F: +91 79 26422616 E: ahmedabad@novaivifertility.com, mivfg@yahoo.com W: www.novaivifertility.com, www.pulse-hospital.com