## **RESUME**

Dr. Shailesh Puntambekar Professor, OncoSurgeon & Consultant Medical Director Galaxy CARE Laparoscopy Institute. Pune, India.



## **Synopsis:**

Dr Shailesh Puntambekar is a cancer surgeon specialised in laparoscopic cancer surgery. He heads "Galaxy Care Laparoscopy Institute', centre for advanced laparoscopy and Robotic Surgery in Pune. He has developed laparoscopic radical hysterectomy for cancer cervix known world over as the "Pune Technique".

He is a faculty at the AAGL (American Association of Gynaecological Laparoscopy) and member of the AAGL Oncology Committee. He has won the prestigious "Golden Telescope Award" for the best video at AAGL thrice (In the yrs 2005,2009 & 2012) and is the only Indian and international surgeon to do so.

Invited as an expert on laparoscopic colorectal, gynaecological and oesophageal cancer surgery all over the world. International Scientific publications include-largest series of Laparoscopic radical hysterectomy, laparoscopic anterior exenteration, and laparoscopic total pelvic exenteration.

Has performed surgeries in live surgical workshops in India as well as in Germany, England, France, Romania, Turkey, Israel, Pakistan, South Africa, Tanzania, Kenya, Australia, Mexico, Srilanka, Bangladesh and Greece.

He is a reviewer for many scientific journals including JMIG (Journal Of Minimally Invasive Gynaecology), Elsevier Editorial System, International journal of Obstretics & Gynecology, Minimal access journal (IAGES), Video journal of advanced laparoscopic surgery (Netherlands), European Journal of Operational Research (EJOR) and Indian Journal of Surgery.

He has published two video atlases on colorectal surgery and Robotic surgery. He has authored two books, 'Atlas of gynaecological oncology' (Jaypee, Now 2<sup>nd</sup> edition) and 'Atlas of Oesophageal Surgery' (Springer with co-editor Miguel Cuesta). This book has been translated into Chinese, German and Spanish.

He has contributed chapters in the Manual of Kiel school of Endoscopy (Editor-Lissote Metler) and Gynaec-laparoscopy (Editor-Resad Pasic) and Manual of Laproscopy (Editor-Nutan Jain)

He has published more than 50 publications in peer reviewed high impact international and national journals.

He is attached to the following hospitals:

- 1) Head of Dept of Minimal Invasive Surgery, BLK Hospital New Delhi
- 2) Consultant, Hemas Hospital, Srilanka.
- 3) Consultant, Columbia Asia, Pune.
- 4) Consultant, Aster Medipoint Hospital, Pune.

He has transmitted live surgeries to 12 countries and Twice to AAGL (2008 and 2011).

He has performed live surgeries in more than 150 live surgical workshops ranging from laparoscopic Whipples, Oesophagectomies, Radical hysterectomies

and colorectal surgeries in AIIMS, SGPGI Lucknow, PGI Chandigarh, PGIMS Rohtak and CMC Vellore.

He has performed over 400 Robotic surgeries.

Invited to conduct PG courses for AAGL, ESGE (European Society of Gynaecologic Endoscopy), APAGE (Asia-Pacific Association for Gynaecologic Endoscopy), Strasbourg University, France and Harward University, Boston.

He is the first Indian to be invited to Brighman's Women Hospital, Boston (Harward Medical School) to deliver guest lecture.







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## Contact data

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## **Biography**

DATE AND PLACE OF BIRTH: May 31, 1966, Pavia, Italy

PERSONAL DATA: Married, Italian Citizen

EDUCATION:1995 Board Certification in Obstetrics and Gynecology "University of Pavia, Italy"; 1991 M.D. Degree "Universita' degli studi di Pavia"; 1985 Diploma Major: Scientific Studies.

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### **Qualifications and awards**

Scholarship award from the Fogarty Foundation, National Institutes of Health, MD, U.S.A.

Scholarship award from University of Pavia, II Faculty in Varese

Scholarship award from Hospital "Di Circolo", Varese, Italy to conduct research in the field of prenatal diagnosis

Scholarship award "Claudio Miglierina" from the Italian Government to conduct research on "Fetal cells isolation in maternal blood" at the University of Basel, Basel, Switzerland

## Research interests

Endoscopic surgery in gynecology with particular interest in the development of mini-invasive approches in both benign conditions and oncologic diseases.

Prenatal diagnosis of congenital anomalies with particular interest in the investigation of the umbilical cord morphology and composition.

Premature labor and delivery with particular interest in the early identification of sonographic and biochemical markers of fetal inflammation.

# Representative publications

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- 2. Ghezzi F, Gomez R, Romero R, Yoon BH, Edwin SS, David C, Janisse J, Mazor M. Elevated interleukin-8 concentrations in amniotic

- fluid of mothers whose neonates subsequently develop bronchopulmonary dysplasia. European Journal of Obstetrics and Gynecology and Reproductive Biology 1998; 78:5
- 3. Holzgreve W, Ghezzi F, Di Naro E, Mazor M, Maymon E, Hahn S. Feto-maternal cell traffic is significantly perturbed in preeclampsia. Obstetrics & Gynecology 1998;91:669-72.
- 4. Romero R, Gomez R, Ghezzi F, Yoon BH, Mazor M, Edwin SE, Berry SM. A fetal systemic inflammatory response is followed by the spontaneous onset of preterm parturition. American Journal of Obstetrics and Gynecology 1998;179:186-93.
- 5. Gomez R, Romero R, Ghezzi F, Yoon BH, Mazor M, Berry SM. The fetal inflammatory response syndrome (FIRS). American Journal of Obstetrics and Gynecology 1998; 179:194-202.
- 6. Franchi M, Ghezzi F, Donadello N, Zanaboni F, Beretta P, Bolis PF. Endometrial thickness in tamoxifen treated patients: an independent predictor of endometrial pathology. Obstetrics & Gynecology 1999;93:1004-8
- 7. Franchi M, Ghezzi F, Melpighiano M, Cherchi PL, Scarabelli C, Apolloni C, Zanaboni F. Clinical value of intraoperative gross examination in endometrial cancer. Gynecologic Oncology 2000;76:357-61.
- 8. Di Naro E, Ghezzi F, Tannoia N, Vitucci A, D'Addario V, Hahn S, Holzgreve W. Prenatal diagnosis of ?-thalassemia from fetal erythroblasts in maternal blood. Molecular Human Reproduction 2000;6:571-4.
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- 11. Franchi M, Ghezzi F, Benedetti-Panici PL, Melpignano M, Fallo L, Tateo S, Maggi R, Scambia G, Mangili G, Buttarelli M. A multicentre collaborative study on the use of cold scalpel and electrocautery for midline abdominal incision. American Journal of Surgery 2001;181:128-132.
- 12. Ghezzi F, Franchi M, Raio L, Di Naro E, Balestreri D, Bolis PF. Extra-amniotic Foley catheter and Prostaglandin E2 gel for cervical ripening at term gestation. European Journal of Obstetrics and Gynecology and Reproductive Biology 2001;97:183-187.
- 13. Ghezzi F, Raio L, Di Naro E, Franchi M, Bruhwiler H, D'Addario V, Schneider H. First trimester umbilical cord morphometry and growth of the human embryo. Ultrasound in Obstetrics and Gynecology 2001;18:348-51.

- 14. Ghezzi F, Franchi M, Raio L,Di Naro E, Bossi G, Melzi D'Eril GV, Bolis PF. Elevated amniotic fluid c-reactive protein at the time of genetic amniocentesis is a marker for preterm delivery. American Journal of Obstetrics and Gynecology 2002;186:268-73.
- 15. Ghezzi F, Raio L, Mueller MD, Gyr T, Buttarelli M, Franchi M. Vaginal extraction of pelvic masses following operative laparoscopy. Surgical Endoscopy 2002:16:1691-1696.
- 16. Franchi M, Ghezzi F, Raio L, Di Naro E, Agosti M, Bolis PF. Joel-cohen or pfannenstiel incision for cesarean section: does it make a difference? Acta Obstetricia Gynecologica Scandinavica 2002;81:1640-6
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- 22. Ghezzi F, Raio L, Günter Duwe D, Cromi A, Karousos J, Schneider H. Relationship between umbilical vessels morphometry of lean umbilical cord and perinatal outcome. Journal of Clinical Ultrasound 2004;33:18-23.
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- 24. Ghezzi F, Cromi A, Fasola M, Bolis PF. One trocar salpingectomy for the treatment of tubal pregnancy: a "marionette-like" technique. British Journal of Obstetrics and Gynecology 2005;112:1417-9.
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- 26. Bergamini V, Ghezzi F, Cromi A, Bellini G, Zanconato G, Franchi

M. Laparoscopic radiofrequency thermal ablation: a new approach to symptomatic uterine myomas. American Journal of Obstetrics and Gynecology 2005;193:768-773

- 27. Cromi A, Ghezzi F, Dürig P, Di Naro E, Raio L. Sonographic umbilical cord morphometry and coiling patterns in twin-twin transfusion syndrome. Prenatal Diagnosis. 2005;25:851-855
- 28. Cromi A, Ghezzi F, Günter Duwe D, Travaglini M, Buttarelli M, Raio L. Sonographic atypical vascular coiling of the umbilical cord. Prenatal Diagnosis 2005;25:1-6.
- 29. Raio L, Cromi A, Ghezzi F, Passi A, Karoussou E, Viola M, Vigetti D, De Luca G, Bolis PF. Wharton's jelly differentiation in healthy and Down syndrome fetuses. Matrix Biology 2005;24:166-74
- 30. Ghezzi F, Cromi A, Colombo G, Uccella S, Bergamini V, Serati M, Bolis PF. Randomized trial comparing 3-mm and 5-mm laparoscopic ancillary instruments for the management of adnexal masses. Journal of the Association of American Gynecologic Laparoscopist. In Press 2005

## **Clinical interests**

The clinical activity has focused mainly on gynecologic surgery with the performance of a vast number of major surgical operations in both areas of gynecology and obstetrics. The major interest is the laparoscopic treatment of malignant diseases of the genital tract.