# **CURRICULUM VITAE**

NAME Srinivasan Radhika

Date of Birth 6 May 1961

Current Position Additional Professor

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# Clinical / Research / Training Experience

Position	Duration	Institution
Rotating Internship	May 1983- May 1984 Mys	sore Medical College Hospital Mysore.
Junior Residency	Jan 1985 - Dec 1987 Dep	partment of Pathology, PGIMER, Chandigarh, India.
Senior Residency	May 1988 - May 1991	Department of Pathology PGIMER, Chandigarh.
Assistant Professor	May 1991 - Aug 1997	Department of Cytology and Gynecologic Pathology, PGIMER, Chandigarh.
Associate Professor	Aug 1997- Aug2001	PGIMER, Chandigarh
Additional Professor	2001 till date	, 5

Year	Institution
1999	Imperial College School of Medicine, University of London
1994	National Board of Examinations, India
1987	Postgraduate Institute of Medical Education and Research, Chandigarh
1983	Mysore Medical College University Of Mysore
	1999 1994 1987

# Honors/ Awards

1978	National Talent Search Examination Merit Certificate and Scholarship
1983	M.B.B.S Best Outgoing Student for the academic year M.B.B.S.
1985	The Mysore Medical College Silver Jubilee Prize
1987	M.D Silver Medal [First order merit]
1985	M.B.B.S Smt. Parvathamma S.R.Rao Maharaja College Centenary Prize,
1995	Commonwealth Scholarship Award

2006 Expert - "Guidelines of Cervical Cancer Screening in India" sponsored by the WHO and Ministry of Health and Family welfare, Govt. of India Chairperson and Co-ordinator of the External Quality Assurance Programme of

the Indian Academy of Cytologists

# Memberships of Scientific Societies:

Indian Association of Pathologists and Microbiologists. Association of Gynaecologic Oncologists of India. Indian Academy of Cytologists. Indian Association for Cancer Research American Association for Cancer Research

#### Presentations:

- 1. **2001**: International symposium on Cancer and Cell Death, NCBS, Bangalore, "Evaluation of p53 and Bcl-2 as prognostic markers in cervical carcinoma."
- 2. **2002**; 2<sup>nd</sup> International workshop on Lung cancer, PGI, Chandigarh. "Molecular and genetic alteration in lung cancer (invited speaker)
- 3. **2002**: 28<sup>th</sup> European Congress of cytology, Antwerp, Belgium. "Fine needle aspiration cytology of adult and pediatric renal lesions experience in a teriary referral center in India."
- 4. **2002**: 1<sup>st</sup> international conference of Rajiv Gandhi Cancer Institute with theme on ovarian cancer. "Ovarian neoplasms seen over a five-year period in a tertiary referral center in India." (invited speaker).
- 5. **2007**: Centennial conference of the American Association for Cancer Research, Los Angeles, USA. Oral presentation and poster presentation. "Expression of Fas and Bcl-2 family of proteins in epithelial ovarian cancer: correlation with response to chemotherapy' and 'BRCA1 predicts for chemosensitivity in epithelial ovarian cancer'.
- 6. **2009**: Bienneial conference (Interim) of asia Oceania Research Organization on genital Infection & neoplasia (AOGIN). Speaker in Advanced Course on Colposcopy and Cervical Pathology, topic "Low grade lesions in cervical Pap smears."
- 7. **2010**: 17<sup>th</sup> International Conference of the International Academy of Cytologists, Edinburgh, Scotland. Oral paper presentation on "Cytomorphological spectrum of Non-Hodgkins lymphoma in the Pediatric age group with special reference to Anaplastic large cell lymphoma" and poster presentation on the topic "Indications for Fine Needle Aspiration Cytology in children: 5-year institutional experience of a tertiary referral centre in India"

# Presentations at National Conferences / CME:

- 1. 2008: 23<sup>rd</sup> Annual Conference of Indian Association of Pathologists and microbiologists, Delhi Chapter: Invited Guest Speaker, delivered a talk on "Challengges in the Cytopathological diagnosis of tuberculosis"
- 2. 2008: XVII Annual conference of the Association of Gynecologic Oncologists of India: Faculty in the Workshop on Gynecological Oncopathology.
- 3. 2008: 38<sup>th</sup> Annual Conference of the Indian Academy of Cytologists, Ahmedabad: Moderator of the Pre-Conference workshop on ASCUS/LSIL in 'Cervical Pap Smears'
- 4. 2009, National CME in Preneoplastic and Neoplastic Lesions of the Cervix, 27<sup>th</sup>-28<sup>th</sup> March, Jaipur Invited Faculty
- 5. 2009: CYTOCON, Annual Conference of the Indian Academy of Cytologists, Moderator of Pre-conference Workshop on 'Looking beyond morphology Molecular techniques in Diagnostic Cytopathology'.
- 6. 2009: 6<sup>th</sup> Asia-Pacific conference of Indian Academy of Pathologists held at Kochi in August 2009 Delivered a talk on "Sarcomas of the uterus and cervix".
- 7. 2009: Post-conference Workshop of the Annual Conference of Indian Association of Pathologists and Microbiologists, 2009- faculty and delivered a talk on "Flow Cytometry of Malignant Small Blue Round Cell tumors" and on Post-conference CME of the Annual Conference of Indian Association of Pathologists and Microbiologists- faculty and

- delivered a talk on "Borderline Ovarian Tumors" and participated in a debate on "FNA vs Core biopsy of breast lesions"
- 8. 2010, TAPCON, Tamilnadu and Pondicherry chapter of IAPM, JIPMER, Pondicherry Invited faculty. Delivered two talks on "Approach to mesenchymal tumors of the uterus" and "Diagnosis of Lymphoma on FNA".

# Conference / CME Organized:

- 1. 2008: CME on Gynecological Pathology on 27<sup>th</sup> September 2008 in PGIMER, Chandigarh **Organizing Secretary**
- 2. 2009: CYTOCON 2009, **Organizing secretary** of the 39<sup>th</sup> Annual Conference of the Indian Academy of Cytologists.

# **Research Grants and Projects**

# As a Principal Investigator:

- 1. **2002-05**: Indian Council of Medical Research Estrogen receptor beta and its isoforms in normal endometrium, endometrial hyperplasia and endometrial carcinoma.
- 2. **2004-07**: Department of Science and Technology Expression of c-erbB2, 3 and 4 in gynecological malignancies
- 3. **2008-09**: Indian Council of Medical Research Application of DNA methylation profiling analysis for identification of a panel of genes suitable for prediction of outcome in patients of invasive cervical cancer.

# As Co-investigator

- 1. 2005-07: Indian Council of Medical Research Molecular and Genetic analysis of Malignant small round cell tumors in Fine needle aspiration material.
- 2. 2005-08: Indian Council of Medical Research Telomere Status and Microsatellite Instability in Indian Patients with Hepatocellular Carcinoma.
- **3. 2006-09**: Indian Council of Medical Research Virological, Serological Tumor Markers and Serum Pro & Antiangiogenic Factors in the Spectrum of Chronic Liver Disease and Hepatocellular Carcinoma.

# Ph. D. Thesis

# As Main Guide

1. 2005: Expression of estrogen Receptor  $\alpha$ ,  $\beta$ ,  $\beta$ 1 &  $\beta$ 2/ $\beta$ cx isoforms and progesterone receptor in normal, hyperplastic and endometrioid carcinoma of the endometrium [Dimple Chakravarty]

## As Co-guide

- 1. 2004: Apoptosis in non small cell lung cancer: Role of  $p16^{INK4A}$  gene and Bcl-2 family proteins [Mir Snober Shabnam]
- 2. 2005: Pancreatic carcinoma: Role of  $p16^{INK4A}$ , Bcl-2, Bax and differentiation agents [Joytika Attri]
- 3. 2005: The role of *FHIT* gene in lung cancer [Anjlina Wali]
- 4. 2005: Telomerase and its components: Relation to Histone deacetylase inhibitors and C-Myc expression in lung cancer [Teena Pasrija].
- 5. 2006: Determination of telomerase, telomere status amd microsatellite instability (MSI)/Loss of heterozygosity(LOH) in patients with hepatocellular carcinoma [Nitin]
- 6. 2006: Biological Significance of Disease specific Glycoconjugate specific lectin in lung carcinoma [Sangeeta Mehta]
- 7. 2007: Expression of Fas family and Bcl-2 family members and methylation profiling in epithelial ovarian Cancer and their relationship with chemoresponsiveness as determined clinically [Parvesh Chaudhry]
- 8. 2007: Telomerase in Pancreatic cancer and its regulation by *hTERT* methylation and the C-Myc and E2F1 transcription factors [Alpana Kumari]
- 9. 2007: SMAD4/DPC4 alterations in Pancreatic carcinoma [Puneet Singh]
- 10. 2007: Effect of metformin of lifestyle modification in obese infertile women with polycystic ovary syndrome [Sumitu Sahdev]

- 11. 2008: Immunophenotyping and molecular analysis of Non-Lymphomatous malignant small round cell tumors by reverse transcriptase polymerase chain reaction in FNA material [Upasana Gautam]
- 12. 2010: Studies exploring the latent retinal stem cell-like potential of de-differentiated retinal pigment epithelial (RPE) cells [Shagun Khera]
- 13. 2010: *In Vitro* molecular interaction between eukaryotic cells and clinical isolates of Haemophilus influenza [Manu Goyal]

# M.D. Thesis

# As Main guide:

- 1. 2010: Fine needle aspiration diagnosis and classification of Lymphoma by immunocytochemistry and/or Flow Cytometric immunophenotyping [Tuhin Paul]
- 2. 2007: Tissue Transglutaminase2 and p16 expression in cervical intraepithelial neoplasia I,II and III and in invasive squamous cell carcinoma of the cervix [Ruchi Gupta]
- 3. 2004: Radiotherapy induced changes in the expression of the Bcl-2, Bax and Bcl-XL proteins in invasive squamous cell carcinoma [Amit Adhya]
- 4. 2001: Evaluation of p53, Bcl-2 proteins and apoptotic index as prognostic markers in invasive squamous cell carcinoma of the uterine cervix [Deepali Jain].

As Co-guide: 15

#### **PUBLICATIONS**

# Books / Chapter in Books.

- 1. Srinivasan R. Pathology of Gynecological Malignancies. In Diagnostic Radiology, genitourinary imaging, AIIMS-MAMC-PGI Imaging Series. Edited by Khandelwal N, Chowdhury V, Gupta AK. 3<sup>rd</sup> edition, Jaypee 2009, pp169-188.
- 2. Co-compiled the proceedings of the WHO Expert Committee meeting into 'Guidelines for Cervical Cancer Screening', GOI-WHO Collaborative Programme (2004-05), published in June 2006

## Cytology - Original articles in Indexed Journals

- 1. Gautam U, **Srinivasan R**, Rajwanshi A, Bansal D, Marwaha RK, Vasishtha RK. Reverse transcriptase-polymerase chain reaction as an ancillary molecular technique in the diagnosis of small blue round cell tumors by fine-needle aspiration cytology. *Am J Clin Pathol.* 2010;133(4):633-45.
- 2. **Srinivasan R**, Gupta N, Shifa R, Malhotra P, Rajwanshi A, Chakrabarti A. Cryptococcal lymphadenitis diagnosed by fine needle aspiration cytology: a review of 15 cases. *Acta Cytol.* 2010;54(1):1-4.
- 3. Gupta N, **Srinivasan R**, Nijhawan R, Rajwanshi A, Dey P, Suri V, Dhaliwal L. Atypical squamous cells and low-grade squamous intraepithelial lesion in cervical cytology: cytohistological correlation and implication for management in a low-resource setting. *Cytopathology. 2010 Jul 12. [Epub ahead of print]*
- 4. Noor MT, Lal A, Kochhar R, Singhal M, Sidhu GS, **Srinivasan R**, Rawat A, Dutta U, Dhiman RK, Chawla YK, Singh K. Autoimmune pancreatitis: a report from India. *JOP.* 2010;11(3):213-9.
- 5. Gupta N, Arora SK, Rajwanshi A, Nijhawan R, Srinivasan R. Histoplasmosis: cytodiagnosis and review of literature with special emphasis on differential diagnosis on cytomorphology. *Cytopathology.* 2010;21(4):240-4.
- 6. Gupta N, **Srinivasan R**, Kumar R, Chakrabarti A. Two cases of nocardiosis diagnosed by fine-needle aspiration cytology: Role of special stains. *Diagn Cytopathol. 2010 Aug 20. [Epub ahead of print]*
- 7. **Srinivasan** R, Gautam U, Gupta R, Rajwanshi A, Vasistha RK. Synovial sarcoma: diagnosis on fine-needle aspiration by morphology and molecular analysis. *Cancer Cytopathol.* 2009;117(2):128-36.

- 8. Adhya AK, Mahesha V, *Srinivasan R*, Nijhawan R, Rajwanshi A, Suri V, Dhaliwal LK. Atypical glandular cells in cervical smears: histological correlation and a suggested plan of management based on age of the patient in a low-resource setting. *Cytopathology.* 2009;20(6):375-9.
- 9. Gautam U, **Srinivasan R**, Rajwanshi A, Bansal D, Marwaha RK. Comparative evaluation of flow-cytometric immunophenotyping and immunocytochemistry in the categorization of malignant small round cell tumors in fine-needle aspiration cytologic specimens. *Cancer.* 2008;114(6):494-503.
- 10. Bhatia P, **Srinivasan R**, Rajwanshi A, Nijhawan R, Khandelwal N, Wig J, Vasishtha RK. 5-year review and reappraisal of ultrasound-guided percutaneous transabdominal fine needle aspiration of pancreatic lesions. *Acta Cytol. 2008*;52(5):521-2.
- 11. Bhatia P, Dey P, Uppal R, Shifa R, **Srinivasan R**, Nijhawan R. Cell blocks from scraping of cytology smear: comparison with conventional cell block. *Acta Cytol.* 2008;52(3):329-33.
- 12. Ahuja A, Gupta N, Kalra N, **Srinivasan R**, Chawla Y, Rajwanshi A. Role of CD10 immunochemistry in differentiating hepatocellular carcinoma from metastatic carcinoma of the liver. *Cytopathology.* 2008;19(4):229-35.
- 13. Awasthi A, Gupta N, **Srinivasan R**, Nijhawan R, Rajwanshi A. Cytopathological spectrum of unusual malignant pleural effusions at a tertiary care centre in north India. **Cytopathology**. 2007;18:28-32
- 14. Bhatia A, Dey P, Kumar Y, Gautam U, Kakkar N, **Srinivasan R**, Nijhawan R. Expression of cytokeratin 20 in urine cytology smears: a potential marker for the detection of urothelial carcinoma. *Cytopathology. 2007;18:84-6.*
- 15. Bakshi P, **Srinivasan R**, Rao KL, Marwaha RK, Das A, Nijhawan R, Rajwanshi A. Fine needle aspiration biopsy in pediatric space-occupying lesions of liver: a retrospective study evaluating its role and diagnostic efficacy. **J Pediatr Surg. 2006;41:1903-8**.
- 16. Gupta N, Rajwanshi A, **Srinivasan R**, Nijhawan R. Pathology of supraclavicular lymphadenopathy in Chandigarh, north India: an audit of 200 cases diagnosed by needle aspiration. **Cytopathology**. **2006**;**17**:94-6.
- 17. Rajwanshi A, Gupta K, Gupta N, Shukla R, **Srinivasan R**, Nijhawan R, Vasishta RK. Fine-needle aspiration cytology of salivary glands: diagnostic pitfalls--revisited. **Diagn Cytopathol**. 2006;34:580-4.
- 18. Gupta N, Rajwanshi A, **Srinivasan R**, Nijhawan R. Fine needle aspiration of epididymal nodules in Chandigarh, north India: an audit of 228 cases. **Cytopathology**. **2006**;**17**:**195**-**8**.
- 19. Bhatia A, Dey P, Kakkar N, **Srinivasan R**, Nijhawan R. Malignant atypical cell in urine cytology: a diagnostic dilemma. **Cytojournal**. **2006**;**3**:**28**.
- 20. Gupta N, Nijhawan R, **Srinivasan R**, Rajwanshi A, Dutta P, Bhansaliy A, Sharma SC. Fine needle aspiration cytology of primary thyroid lymphoma: a report of ten cases. *Cytojournal*. 2005;2:21.
- 21. Gupta N, Kumar V, Dey P, **Srinivasan R**, Nijhawan R, Rajwanshi A. A study of unusual metastasis in fine needle aspirate of the liver. *Cytopathology*. *2005;16:158-60*.
- 22. **Radhika S**, Bakshi A, Rajwanshi A, Nijhawan R, Das A, Kakkar N, Joshi K, Marwaha RK, Rao KL. Cytopathology of uncommon malignant renal neoplasms in the pediatric age group. *Diagn Cytopathol.* 2005;32:281-6.
- 23. Shukla R, Pooja B, **Radhika S**, Nijhawan R, Rajwanshi A. Fine-needle aspiration cytology of extramammary neoplasms metastatic to the breast. **Diagnostic Cytopathology 2005**;32:193-7.
- 24. Rajesh L, Pattrai SK, Garewal G, Dey P, **Srinivasan R**. Image morphometry of acute leukemias. Comparison between lymphoid and myeloid subtypes. *Anal Quant Cytol Histol.* 2004;26:57-60.
- 25. Hemachandran M, Nijhawan R, **Srinivasan R**, Rajwanshi A. Collagenous bodies in endometriotic cysts. *Diagn Cytopathology 2004;31:330-2.*

- 26. Rajesh L, Pattari SK, Garewal G, Dey P, **Srinivasan R**. Image morphometry of acute leukemias. Comparison between lymphoid and myeloid subtypes. *Anal Quant Cytol Histol.* 2004;26:57-60.
- 27. Rajesh L, Saha M, Radhika S, Das Radotra B, Rajwanshi A. Morphometric image analysis of follicular lesions of the thyroid. *Anal Quant Cytol Histol.* 2004;26:117-20.
- 28. Brahmi U, **Srinivasan R**, Komal HS, Joshi K, Gupta SK, Rajwanshi A. Comparative analysis of electron microscopy and immunocytochemistry in the cytologic diagnosis of malignant small round cell tumors. *Acta Cytologica 2003; 47: 443-449.*
- 29. Singla A, Singh S, Goraya JS, Radhika S, Sharma M. The natural course of nonsuppurative Calmette-Guerin Bacillus Lymphadenitis. *The Pediatric Infectious Diseases Journal 2002; 21: 1-2.*
- 30. Goel A, Gupta SK, Dey P, **Radhika S**, Nijhawan R. Cytologic spectrum of 227 fine-needle aspiration cases of chest-wall lesions. *Diagnostic Cytopathology*. 2001;24:384-8.
- 31. Dey P, **Radhika S**, Das A, Nijhawan R. Aspiration cytology of renal cell carcinoma and adenoma in childhood. *Acta Cytologica 1996; 40: 457-460.*
- 32. Dey P, Das A, Radhika S, Nijhawan R. Cytology of primary skin tumors. *Acta Cytologica 1996; 40: 708-713.*
- 33. Dey P, Radhika S, Das A. Fine-needle aspiration biopsy of angio-immunoblastic lymphadenopathy. *Diagnostic Cytopathology 1996; 15: 412-4.*
- 34. Karmakar T, Radhika S, Gupta SK. Argyrophilic nucleolar organizer regions [AgNORs] in breast lesions a study on fine needle aspirates. *Cytopathology* 1995; 6: 5-13.
- 35. Dey P, **Radhika S**, Rajwanshi A, Rao KLN, Khajuria A, Nijhawan R, Banerjee CK. Aspiration cytology of Wilms' tumor. *Acta Cytologica* 1993; 4: 477-482.
- 36. Radhika S, Rajwanshi A, Kochhar R, Kochhar S, Dey P, Roy P. Abdominal Tuberculosis: Diagnosis by fine needle aspiration cytology. *Acta Cytologica* 1993; 37:673-678.
- 37. Radhika S, Ray R, Nijhawan R. Metastatic cutaneous and subcutaneous deposits from internal carcinoma. An analysis of cases diagnosed by fine needle aspiration. *Acta Cytologica* 1993; 37: 894-898.
- 38. Dey P, Radhika S, Rajwanshi A, Ray R, Nijhawan R, Das A. Fine needle aspiration biopsy of orbital and eyelid lesions. *Acta Cytologica 1993; 37: 903-907.*
- 39. Das A, Gupta SK, Banerjee AK, **Radhika S**, Radotra BD, Nijhawan R, Dey P, Rajwanshi A. Atypical cytologic features of medullary carcinoma of the thyroid. *Acta Cytologica* 1992; 36: 137-141.
- 40. Rajwanshi A, Indudhara R, Goswami AK, Radhika S, Das A, Sharma SK, VaidyanathanS, Datta BND. Fine needle aspiration cytology of azoospermic males. *Diagnostic Cytopathology 1991; 7: 3-6.*
- 41. Rajwanshi A, **Radhika S**, Das A, Jayaram N ,Banerjee CK . Fine needle aspiration cytology in the diagnosis of cysticercosis. *Diagnostic Cytopathology 1991* ; 7: 517-519.
- 42. **Radhika S**, Gupta SK, Chakrabarti A, Rajwanshi A, Joshi K. Role of culture for mycobacteria in fine needle aspiration diagnosis of tuberculous lymphadenitis. *Diagnostic Cytopathology.* 1989; 5: 260-262.
- 43. Jayaram N, Das A, Rajwanshi A, **Radhika S**, Banerjee CK. The value of fine needle aspiration biopsy in the cytodiagnosis of salivary gland lesions. **Diagnostic Cytopathology 1989**; 5: 349-354.

# Cytology -Original articles in National indexed journals

- 44. Hemachandran M, Rajwanshi A, Srinivasan R, Nijhawan R, Radotra BD. Cytology of Hürthle cell neoplasms of thyroid gland. *Indian J Pathol Microbiol.* 2007;50:859-61.
- 45. Dey P, **Radhika S**, Kochhar S, Rajwanshi A. Fine needle aspiration biopsy of pancreas. *Ind J Pathol and Microbiol* 1994; 37: 269-274.

- 46. Nijhawan R, Kochhar R, Panigrahi D, Radhika S, Malik AK, Mehta SK. Identification of *Helicobacter pylori* by endoscopic crush cytology. *Ind J Gastroenterology* 1993; 12: 45-46.
- 47. Rajwanshi A ,Niazi Z\_Joshi K, Radhika S, Gupta SK, Nijhawan R. Immunocytochemical analysis of poorly differentiated tumors on fine needle aspiration cytology material. *J Cytology* 1998; 15: 31-37.
- 48. RajwanshiA., Khan EM, **Radhika S**, Sharma SK, Nijhawan R, Dey P.: Fine needle aspiration of Prostate A correlative study with histology and other Biochemical parameters. *J Cytology* 1995; 2-8:1995.

# **Cytology - case reports**

- 49. Jat KR, Panigrahi I, **Srinivasan R**, Singh U, Vasishta RK, Sharma N, Duggal R, Marwaha RK. Cutaneous Rosai-Dorfman disease: presenting as massive bilateral eyelid swelling. *Pediatr Dermatol.* 2009;26(5):633-5.
- 50. Kaur J, **Srinivasan R**. Fibroblastic proliferation in chronic cervicitis mimicking epithelioid cell granuloma on cervical cytology. *Diagn Cytopathol. 2010 Jan 20.*
- 51. Vankalakunti M, Kaur J, **Srinivasan R**.Cytology of sarcoma metastasizing to the thyroid: a case report. *Acta Cytol. 2008 Nov-Dec;52(6):729-32.*
- 52. Sachdeva MU, Suri V, Malhotra P, Srinivasan R. Cerebrospinal fluid infiltration in Hodgkin lymphoma: a case report. *Acta Cytol.2008 Sep-Oct;52(5):623-6.*
- 53. Gupta N, Bansal D, Saxena AK, **Srinivasan R**, Marwaha RK Primary orbital Ewing's sarcoma presenting with unilateral proptosis. *Cytopathology. 2008;19:124-6*.
- 54. Gupta N, Rajwanshi A, Nijhawan R, **Srinivasan R**, Malhotra S. Metastatic granulosa cell tumor: diagnosed by fine-needle aspiration cytology. *Diagn Cytopathol.* 2006;34:453-4.
- 55. Gupta K, Rajwanshi A, **Srinivasan R**. Endometriosis of the kidney: diagnosis by fineneedle aspiration cytology. *Diagnostic Cytopathology 2005;33:60-1.*
- 56. Gupta N, **Srinivasan R**, Nijhawan R, Dhaliwal LK. Primary fallopian tubal transitional cell carcinoma with exfoliation of malignant cells in cervical Pap smear. *Cytojournal*. *2005;2:20*.
- 57. Mohanty SK, **Srinivasan R**, Rajwanshi A, Vasishta RK, Vignesh PS. Cytologic diagnosis of ossifying fibromyxoid tumor of soft tissue: a case report. *Diagnostic Cytopathology. 2004;30:41-5.*
- 58. Gupta N, Kumar V, Nijhawan R, **Srinivasan R**, Rajwanshi A. FNAC of Bacillus-Calmette- Guerin lymphadenitis masquerading as Langerhans cell histiocytosis. *Cytojournal.* 2004;1:6.
- 59. Gupta N, Kumar V, **Srinivasan R**, Nijhawan R, Rajwanshi A. Cytomorphological variation in two cases of melanotic neuroectodermal tumor of infancy. *Diagn Cytopathol.* 2005;32:58-60.
- 60. Mohanty SK, **Srinivasan R**, Rajwanshi A, Vasishta RK, Vignesh PS. Cytologic diagnosis of ossifying fibromyxoid tumor of soft tissue: a case report. *Diagnostic Cytopathol.* 2004;30:41-5.
- 61. Gupta K, Radhika S, Vasishta RK. Chondrosarcoma of calcanaeum in a 12-year-old male patient: a case report. *Diagnostic Cytopathology 2004;31:399-401.*
- 62. Saikia UN, Gupta N, Bansal D, Saxena AK, Joshi K, Srinivasan R. Malignant fibrous histiocytoma (inflammatory variant) in a child presenting as paraparesis. *Fetal Pediatr Pathol.* 2004;23:319-23.
- 63. Powari M, **Srinivasan R**, radotra BD. Myofibroblastoma of the male breast: a diagnostic problem on fine needle aspiration cytology. *Diagnostic Cytopathology* 2002; 26: 290-293.
- 64. **Srinivasan R**, Nijhawan R, Dey P, Samujh R. Fine needle aspiration cytology of clear cell sarcoma of the kidney and its distinction from Wilms' tumor. [letter to the editor] *Acta Cytologica 1997; 41: 950-1.*

- 65. Dey P, Das A, Radhika S. Fine needle aspiration cytology of cystic partially differentiated nephroblastoma. *Acta Cytologica 1996; 40: 770-772.*
- 66. Khajuria A, Karmakar T, **Srinivasan R**. Fine needle aspiration cytology of a subcutaneous metastasis of a malignant Brenner tumor of the ovary. A case report. *Acta Cytologica* 1995;39(2):246-8.
- 67. Radhika S, Nijhawan R, Gautam U, Bambery P. Potassium permanganate resistant amyloid in fine needle aspiration of the liver. *Diagnostic Cytopathology* 1994; 10: 383-384.
- 68. Radhika S. Nijhawan R, Das A, Dey P. Ameloblastoma of the mandible Diagnosis by fine needle aspiration cytology. *Diagnostic Cytopathology*. 1993; 9: 310- 313.
- 69. **Radhika S**, Dey P, Rajwanshi A, Guleria R, Bhushnurmath B. Adenoid cystic carcinoma in a bronchial washing. *Acta Cytologica* 1993; 37; 977-9.
- Radhika S, Nijhawan R, Das A, Walker R. Fine needle aspiration cytodiagnosis of endometriosis arising in scar tissue and caecum-case reports. *Cytopathology* 1993; 4: 357-360.
- 71. Radhika S, Rajwanshi A, Padmanabhan V, Dey P. Fine needle aspiration cytology of chondroid syringoma and syringocystadenoma papilliferum. *Acta Cytologica 1993; 37; 535-8.*
- 72. Dey P, Radhika S, Jain A. Microfilaria of Wuchereria bancrofti in a lymph node aspirate. *Acta Cytologica* 1993;37: 684.
- 73. Dey P, Radhika S, Rajwanshi A, Ray R. Fine needle aspiration cytology of Leishmania lymphadenitis. [letter to the editor] *Diagnostic Cytopathology* 1992; 8: 551-2.
- 74. Dey P, Radhika S, Nijhawan R, Rajwanshi A, Banerjee CK, Rao KLN, Gupta SK. Fine needle aspiration cytology of mesoblastic nephroma. *Acta Cytologica* 1992; 36: 137-141.

# Case reports - Indian journals

- 75. Kumar V, Gupta N, Srinivasan R, Nijhawan R, Rajwanshi A. Spermatic granuloma presenting as an epididymal nodule: fine needle aspiration cytological findings and differential diagnosis. **Indian J Pathol Microbiol**. **2004**;47:509-10.
- 76. Borthakur G, Banerjee CK, Rao KL, **Radhika S**, Samujh R. Malignant rhabdoid tumour of kidney. A case report. *Indian Journal of Cancer 1992; 29: 27-30.*
- 77. **Srinivasan R**, Powari M, Jacob SA, Rai L. Myosistis ossificans potential pitfall in the cytologic diagnosis of soft tissue lesions. *J Cytology 2003; 20: 40-42.*

# Gynecological Pathology / Gynec. Oncology –original articles in International and National Journals

- 78. Chakravarty D, Gupta N, Goda JS, **Srinivasan R**, Patel FD, Dhaliwal L. Steroid receptors, HER2/neu and Ki-67, in endometrioid type of endometrial carcinoma: Correlation with conventional histomorphological features of prognosis. *Acta Histochem.* 2010;112(4):355-63.
- 79. Gupta R, **Srinivasan R**, Nijhawan R, Suri V. Tissue transglutaminase 2 as a biomarker of cervical intraepithelial neoplasia (CIN) and its relationship to p16INK4A and nuclear factor kappaB expression. *Virchows Arch. 2010;456(1):45-51.*
- 80. Gupta N, **Srinivasan R**, Rajwanshi A. Functional biomarkers in cervical precancer: an overview. *Diagn Cytopathol.* 2010;38:618-23.
- 81. Chaudhry P, **Srinivasan R**, Patel FD. Utility of gene promoter methylation in prediction of response to platinum-based chemotherapy in epithelial ovarian cancer (EOC). *Cancer Invest.* 2009;27(8):877-84.
- 82. Slim R, Bagga R, Chebaro W, **Srinivasan R**, Agarwal N. A strong founder effect for two NLRP7 mutations in the Indian population: an intriguing observation. *Clin Genet.* 2009;76(3):292-5.
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