



SILVER JUBILEE YEAR

Indian Academy of Cytologists
NEWS LETTER

Anjali Joshi

NOVEMBER 95

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PRESIDENT MESSAGE

Dear Members,

Once more I have the opportunity to speak to you through this issue of the newsletter being published before the annual conference. This being a SILVER JUBILEE YEAR of the Academy, has been an year of great hectic activity with satellite symposia / update / workshops being organised in different regions of the country covering various topics of Cytology. It is also a matter of great delight that many new members have got enrolled as Academy members during this year. Like me, I am sure all of you are also looking forward to attend the main SILVER JUBILEE CONFERENCE being held in Bombay (18-19th November). Distinguished GUEST SPEAKERS from abroad like Dr. Jan Sternswardt (Geneva), Dr. Adolf Stafl (USA), Dr. Joseph Jordan (UK) and Dr. Usha K. Luthra (Kuwait) coupled with Pre-congress workshops on Thyroid and Head and Neck Lesions and Post-congress Workshops on advanced Colposcopy & Laser shall be the special features of attraction. The Organisers are working very hard and must be awaiting our attendance in large numbers. Please do stand up to their expectations to make it a success.

With good wishes,

SUBHASH K. GUPTA

From Treasurer's Desk

There is a humble request to all ordinary associate and CPC members to kindly send their annual subscription at the earliest, by demand draft drawn in favour of 'Treasurer, IAC Payable at Trivandrum'. Defaulters will not get the subsequent year's journal and new letter.

"So please hurry up."

Dr. N. Shridevi Amma

Editorial

Dear Members,

“Wish you all happy Diwali and prosperous new year.”

This Newsletter brings you the message, that we are soon meeting for our Silver Jubilee Conference to be held at Bombay on 18th and 19th November 1995. Over 200 delegates have already registered. Provisional Programme of the Conference is sent for your information which will enable you to plan your schedule.

The Newsletter also contains an article by our president Dr. Subhash Gupta; on 'Strategies in FNAC of Bone lesions':

Friends, I make an appeal to all of you to request your colleagues and post-graduates to become members of Indian Academy of Cytologists. Those who wish to become member, may please obtain form's from me or secretary of I.A.C.

Dr. Neelam Kolte.

Provisional Programme For Silver Jubilee Conference

(Subject to change)

18-11-95

8.00 - 9.00 am
9.00 - 10.00 am

SCIENTIFIC SESSION I

10.00-11.00 am

11.00 - 11.30 am

SCIENTIFIC SESSION II

11.30 - 12.30 am

SCIENTIFIC SESSION III

12.30 - 1.15 pm

1.15 - 2.00 pm

SCIENTIFIC SESSION IV

2.00 - 3.30 pm

SCIENTIFIC SESSION V

3.30 - 4.15 pm

4.15 - 4.30 pm

SCIENTIFIC SESSION VI

4.30 - 5.15 PM

SCIENTIFIC SESSION VII

5.15 - 6.00 pm

6.00 pm

8.00 pm

Saturday

Registration & Breakfast
Inauguration

Shirin Mehtaji Oration
(By Dr. Jan Sternswardt,
W.H.O. Geneva)

Coffee

Academy Oration

(By Dr. Naglothemath)

“Spin Offs from Sediment Cytology”

Dr. Daruwala Oration

(By Dr. Joe Jordan, U.K.)

“Screening by the year 2000”

Lunch

Award Papers

A - Nalini Thakar Award

B - Jwaladevi Award

C - Satya Monga Award

Preferred papers

3 simultaneous sessions.

Coffee

Guest Lecture by

Dr. Adolf Staff, U.S.A.

Abnormal pap smears

Posters

Annual General body meeting

Cocktails and Dinner at

GALLOPS - BOMBAY

RACE COURSE

19-11-95

SCIENTIFIC SESSION VIII
8.30 - 9.30 am

9.30-10.00

SCIENTIFIC SESSION IX

10.00 - 11.30 am

SCIENTIFIC SESSION IX

11.30 - 12.30

SCIENTIFIC SESSION XI

12.30 - 1.15 pm

1.15 - 2.00pm

SCIENTIFIC SESSION XII

2.00 - 3.30 pm

3.30 - 3.45 pm

SCIENTIFIC SESSION XIII

3.45 - 4.45 pm

SCIENTIFIC SESSION XIV

4.45 - 5.15 pm

Sunday

Preferred papers
3 simultaneous sessions

Coffee & Breakfast

Symposium on
Respiratory Cytology
moderator - Dr. P.K. Agarwal

Diagnostic Slide Seminar by
Dr. Rajawanshi, Chandigarh

Scientific Session
a - Dr. B. Andersch
b - Dr. Petter Kelehan
c - Dr. G. Miniello
Lunch

Scientific Sessions
3 simultaneous sessions

Coffee

Dr. Jhirad Oration
(By Dr. Usha Luthra)
“Cytology in 21st Century”

Valedictory Function
Prize Distribution

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Subhash Saraf

Secretary's Report

The Silver Jubilee Celebration of IAC was started at J.N. Medical College Sawangi (Meghe) Wardha on 2nd & 3rd April 95 by organising a CME programme on Gynaecological Cytology under Chairmanship of Dr. (Mrs.) S. Grover. On first day a rural diagnostic PAP Screening programme was organised; attended by gynaecologists from central India, who were given a Practical demonstration with two guest lectures on Colposcopy by Dr. Revathi Ananth. On 3rd April 95 the Scientific session had a Guest Lecture on, Role of Colposcopy in Cervical Pathology by Dr. Revathi Ananth. Followed by a Symposium on Recent Trends in Gynaecological Cytology. A lecture on Cancer Screening Programmes in Gynaecological Cytology was delivered by Dr. (Mrs.) K. Deshmukh. A Gynaecological Cytology quiz was conducted by Dr. Maitreyee Munshi. Programme ended with a panel discussion on PAP Smear. Utility in Screening Programme for down staging, of carcinoma cervix in India, moderated by Dr. S. Grover. Another camp was organised by Dr. M. Kamal at Nagpur on 15th April 95 in which 200 women from all socio economic strata were subjected to PAP Smear collection and breast Palpation.

Dr. Maitreyi Munshi

Strategies in FNAC of Bone Lesions

(Subhash K. Gupta, M.D.)

Prof. & Head, Deptt. of Cytology & Gynaec Pathology, P.G.I., Chandigarh and President of IAC)

Tumors of the bone are particularly treacherous to diagnose because of their :

- a. Rarity: which limits the benefits of personal experience with large number of cases to but a few bone tumor specialists.
- b. Their unsurpassed ability to present in disguise form.

Benign entities such as aneurysmal bone cyst, chondroblastoma, eosinophilic granuloma and early callus can present with grave radiological patterns and "alarming" cellular pleomorphism that can easily be misconstrued as malignant.

On the other hand many malignant entities can present with relatively benign cytology or even radiological features. With the dramatic progress in the treatment of bone tumors in the past ten years, the correct treatment requires exact diagnosis and the responsibility of providing exact diagnosis lies with the pathologist. The same strategies as applied to histopathologists, are applicable to cytopathologists as well and in fact even in a more rigid way.

The recommended strategies to be observed are :

1. Diagnosis of body lesions should be based on combined clinical radiological and pathological approach.
2. Diagnosis based on "slide reading alone" should be avoided. Perhaps it is possible to do so in some simple cases. Only about 20-25% of the lesions can be identified safely from slide reading alone. The clinician and the radiologist should never leave the full responsibility of diagnosis with the pathologist. Same way a surgeon should never amputate or resect a bone on the basis of pure pathology report in which the pathologist has not considered the history, clinical findings and radiological correlation.
3. Correlative approach although greatly reduces the probability of error, yet there are a small percentage of cases however where even this rule breaks down. The findings that separate some benign entities from malignant one are sometimes extremely subtle. Seeking consultation of other colleagues is advisable if any degree of diagnostic doubt is involved.
4. A pathologist is expected to be the arbiter of final diagnosis. However in order to do this, the pathologist should not only be aware of the histological vagaries of bony lesions but should also be familiar with the general principles of radiology and clinical medicine. A pathologist who is completely unfamiliar with these principles, will have difficulty in communicating with the radiologist and clinician and ask pertinent questions of relevance in arriving at a diagnosis in a given case.

Because of the problems discussed, no wonder that although FNAC has been applied so widely for other body sites, its use in diagnosis of bony lesions has still remained limited. However considering the trauma of open surgical biopsy coupled with time and expenses of hospitalization involved, a simple technique like FNAC does have a role in deciding basic issues like, "is the lesion inflammatory or neoplastic? Is it true neoplastic or some other non-neoplastic lesion? If it is neoplastic, is it benign or malignant and its possible histological type?" The technique is also of great help in confirming metastasis and in situations where it can be hazardous to take open biopsy such as vertebral lesions.

The Chief handicap in earlier studies of FNAC of bony lesions was the non-representative sampling of the lesions because of hard to pierce surrounding periosteum or lack of precision of the radiological techniques used for localization of the lesions. With the recent advances in radio-imaging techniques, precise localization and needling of even small lesions has become possible. The presumed difficulty of obtaining material with a fine needle in bony tumors has also been contradicted by the well known fact that many of the lesions involving the bone particularly the primary bone

tumors are characterized by more or less advanced periosteous growth. Because of the time and cost economy, FNAC in general is particularly suited to the needs of our country. Many of the limitations mentioned earlier, can be overcome with experience and dedicated efforts, however words of caution from the more experienced ones should always be remembered and kept in mind and hence I end by quoting a paragraph from the monograph on cytology of soft tissue and bone tumors by 'Hajdu & Hajdu', All of those who care about the progress of diagnostic cytology must guard against unwarranted claims, misinformation and plain disinformation. Foreexample, expediency, cost containment and availability should not preclude selection of the most accurate biopsy technique in the primary diagnosis of such complex lesions as soft tissue and bone tumors.

Cytopathologists should take care to use sound judgment and should lean back on their experience in surgical pathology with soft tissue and bone tumors when they are called on to make a definitive diagnosis."

(Keynote address read at workshop on FNAC of Bone and Joint Lesions held at K.G.M. Lucknow 1-2 Sept., 1995)

Report from Madrid Spain 12th International Conference of Cytology May 1995.

The Madrid Conference as expected was a resounding success. It was a place where over 1200 Cytologists from all over the world gathered to share their experience and learn from each other.

Dr Marluce Bibbo as The President of International Academy of Cytology and Dr. Jimenez Ayala from the Spanish Society played hosts.

The International Academy has some Prizes and awards like Maurice Goldblatt Awards and The Cytotechnologist of the year awards. This year a few new awards were instituted. An award for Life time services to Cytology was conferred on Dr. Leopold Koss.

An award for significant contribution to Research in Cytology was conferred on Dr. Marluce Bibbo.

There was a special Luncheon Meeting of all the Editors of Acta Cytologica which I had the pleasure of attending. We discussed the problems facing Acta and the new directions the Journal should take. An interesting development was the need to publish news from all societies. This is now going to come out as a supplement of Acta. Do look out for the news from India which will come out in the first Newsletter of 1996.

There was a sprinkling of Indian Cytologists. Dr. Usha Luthra came from Kuwait and was on several panels. Dr. Kusum Kapila, Dr. Dilip Das, Dr. Gita Jayaram, Dr. Chandrekha Shroff were amongst Cytologists whose work was recognised by the International Community. Dr. Surin from Gwalior attended. Amongst the Indian American Cytologists mention must be made of Dr. P. K. Gupta and Dr. Agarwal.

All of us were very proud that Dr. P.K. Gupta was going to be installed as the next President of American Society of Cytopathology. It is a well deserved honour for him and also for India.

I had the opportunity of discussing our Journal with Dr. George Wied. I am happy to inform all of you that Dr. Wied whole heartedly is supporting our Journal.

The next President of IAC is Dr. Dorothy Rosenthal, a very friendly person. During her tenure she hopes to have some academic exchange especially for Cyto technologists. We are working on it and I hope we can give you some concrete proposals.

The next conference will be in Tokyo, Japan in 1998.

Dr. Usha Sariya



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