



Gastrointestinal Infection Society of India (GISI)

Department of Gastroenterology (Microbiology Division)

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GISI NEWSLETTER JULY 2014

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Fourth Biennial Conference of Gastrointestinal Infection Society of India - GISICON 2014



The 4th Biennial conference of Gastrointestinal Infection Society of India, GISICON 2014, was held at Govt. Medical College Hospital, Chandigarh from 11-12th April 2014. Eminent experts from across the country including Bhopal, Bangalore, Delhi, Lucknow and Jaipur participated in this two day National conference on gastrointestinal infections.

The event, which deliberated on diseases such as cholera and typhoid, saw nearly 150 delegates attend it on the first day. The second day had two plenary sessions held on various aspects of gastrointestinal infections in immunocompromised patients and another on miscellaneous gastrointestinal infections.

A total of six papers were presented at the event. Dr. Sumita Khurana's papers titled 'Cryptosporidium Genotypes in North Indian patients' won the 1st prize in the oral free papers. There were a total of 27 posters being displayed by various delegates. Dr. Sivananthan K from Postgraduate Institute of Medical Education & Research (PGIMER) presented poster on 'Molecular epidemiology of *Shigella flexneri* isolated over a decade in North India' which won the first prize, while Dr. Aparna from Rohtak's and Pandit Bhagwat Dayal Sharma from Postgraduate Institute of Medical Sciences won the second prize for their poster on 'Biofilm formation by clinical commensal Enterococci'.

Dr. Chetana Vaishnavi spoke on the innovative fecal microbiota transplantation. Dr. Bella Mahajan presented her talk on recent advances in molecular detection techniques in gastrointestinal infections. Dr. Arti Kapil presented a talk on hepatitis in tropical infections.

The event also saw a quiz, which was won by Harpreet Kaur from GMCH, Chandigarh while Dilip Abraham of CMC, Ludhiana won the second prize.



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NEWSLETTER

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Proton Pump Inhibitor therapy increase risk of *Clostridium difficile* infection

In the past decade, there has been a growing epidemic of *Clostridium difficile* infection (CDI). During this time, use of proton pump inhibitors (PPIs) has increased exponentially. In a meta-analysis performed by Deshpande A *et al.* the authors found a significant association between CDI and PPI therapy in a meta-analysis involving 30 studies and 202,965 patients.



The result indicated that patients on PPI therapy have approximately twice the risk of developing CDI compared with nonusers. However, the significant heterogeneity amongst the studies implies that the findings of the study should be interpreted with caution.

The biological plausibility for an association between PPI therapy and CDI appears strong. The loss of acidity permits the proliferation of numerous species of bacteria in a previously sterile stomach; bacterial growth depends on both the duration and absolute increase in gastric pH.

The use of PPIs, both prescription and over the counter has surged in recent years. Therefore, even a moderate risk of developing CDI in PPI users, as identified in the study, translates into a significant health care problem and should serve as a statement to curb the indiscriminate use of these medications. Based on the results of the study, authors suggest that PPI should be used by physicians only for established medical indications. Further studies are needed to determine the mechanisms by which PPI therapy might increase risk for CDI.

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(Deshpande A *et al.* Clin Gastroenterol Hepatol. 2012 Mar;10(3):225-33.)

ACHIEVEMENTS

Prof. Chetana Vaishnavi, Department of Gastroenterology (Microbiology Division), Chandigarh presented two papers titled:

1. 'Bacterial biofilms produced in stents retrieved from patients with biliary and pancreatic diseases' and 'Phenotypic and genotypic identification of *Campylobacter* in diarrheal patients and poultry in and around Chandigarh, India' at the International Conference on Digestive Disease Week, Chicago, Illinois, USA from May 3-6, 2014.
2. Delivered following talks at the Indo- Global Healthcare summit and Expo 2014, Healthcare Excellence without borders, Innovations and advances at Hyderabad from June 20-22nd 2014.
 - a. Fecal microbiota transplantation for management of *Clostridium difficile* infection.
 - b. Newer Diagnostic Methods in *Clostridium difficile* infections.
 - c. *Helicobacter pylori*: Inflammation and gastric cancers abstracts.

Dr. K. K. Prasad, Division of GE Histopathology, Department of Superspeciality of Gastroenterology, PGIMER, Chandigarh

1. Delivered an invited talk on 'Microscopic colitis: Expanding clinicopathologic spectrum' and awarded best faculty paper award on his paper entitled 'Microscopic colitis - a missed diagnosis in irritable bowel syndrome' in International CME in Pathology – Histopathology and Cytopathology at Goa in Feb-March 2014.
2. Delivered an invited talk on 'Celiac disease and gastrointestinal tract' in the VIIIth Conference of Association of Clinical Pathologists of Nepal (ACPN) at Kathmandu, Nepal in March 2014
3. As an educator for the World Association of Societies of Pathology and Laboratory, delivered invited talks on celiac disease, microscopic colitis and inflammatory bowel disease; conducted a seminar on gastrointestinal pathology and took part as panelist in panel discussion in Joint WASPaLM-SAP Anatomical Pathology Update Seminar 2014 at Khartoum, Sudan in April 2014 Medicine (WASPaLM) for its Education and Visiting Lecturer Program (EVLP).
4. Moderated a session on 'luminal pathology' in Gastroenterology Young Masters (GYM) 12th Annual Meet at Chandigarh in March 2014.

ANNOUNCEMENTS

1. **GISICON 2015 will be organized by the Dept. of Microbiology in association with Dept. of Medicine, Govt. Medical College, Jammu tentatively in Oct 2015.**
2. Life Membership fees of GISI are INR 3000.00 payable by bank draft or cheque at par in favour of "Gastrointestinal Infection Society of India" payable at Chandigarh, INDIA.
3. Articles for **Journal of Gastrointestinal Infections** should be submitted as soft copy to the Editor, GISI. Instructions to authors are available under GISI Journal action link.
4. All GISI members are requested to pass on any news that they desire to be published in the newsletter. This will include information of awards received, fellowships obtained or travel abroad for academic purposes and any other information that may be of interest to the members.
5. Indian Life Members desirous of receiving Certificate of Membership may send a Demand Draft of INR 250.00 in advance. Foreign Members may send USD 25.00 in favour of 'Gastrointestinal Infection Society of India', payable at Chandigarh, addressed to Prof. C. Vaishnavi, Dept. of Gastroenterology, Postgraduate Institute of Medical Education and Research, Chandigarh-160012, India. Kindly quote your Life Membership No. along with the request.

CONTACT US

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MEMBERSHIP FORM

Note: GISI Life Membership is open to Clinical Microbiologists/Gastroenterologists/Clinicians and Health Care Workers involved in the specialty of gastrointestinal infections.

PERSONAL INFORMATION <i>(Please type or print clearly in capital letters)</i>				
1	Full Name (Prof/Dr/Mr/Ms/Mrs)	First:	Middle:	Last:
2	Date of Birth (DD/MM/YYYY)			
3	Qualification	University:		
	Designation			
4	Official Address	State:	PIN:	Country:
5	Residential Address	House No:		
		Area/Locality:		
		City/Town:		
		State:	PIN:	Country:
6	Telephone (with STD code)	Office:	Residence:	
7	Fax (with STD code)			
8	Mobile			
9	E-mail			

REGISTRATION FEE DETAILS		
1	Life Membership Fee	1. Individuals (India): INR 3000.00 2. Individuals (Foreign): USD 200.00 3. Institutions: INR 3000.00 4. Patrons: INR 20,000.00 and above
2	Payment Details	Cheque/Demand draft (select one) Cheque/Draft No. Bank details: Dated: Amount: Cheques/Demand draft should be drawn in favour of "Gastrointestinal Infection Society of India" payable at Chandigarh.
3	Declaration	I declare that the information given by me is true and correct and that I will abide by the association rules and regulations if my membership application is approved.
4	Date	Signature:
5	Place	

OFFICE USE ONLY		
1	Date received	
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3	Demand draft No.	Date:
4	Receipt No.	Date:
5	Verified by	Name: Signature:

Membership form and the cheque/draft should be mailed to Dr. Chetana Vaishnavi, Professor, Division of Microbiology, Department of Gastroenterology, PGIMER, Chandigarh. Mobile No. 09417002682, E-mail: c.vaishnavi@rediffmail.com