



Gastrointestinal Infection Society of India (GISI)

Department of Gastroenterology (Microbiology Division)

Postgraduate Institute of Medical Education and Research, Chandigarh – 160012, INDIA

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GISI NEWSLETTER JANURARY 2014

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SEASON'S GREETINGS AND BEST WISHES FOR 2014 FROM GISI.

MAY THE YEAR 2014 BE A YEAR OF
PERSONAL HAPPINESS AND PROFESSIONAL SUCCESS
IN AN INCREASINGLY HEALTHY AND SAFE ENVIRONMENT!



Gastrointestinal Infection Society of India

NEWSLETTER

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Editor

Dr Sandeep Dogra

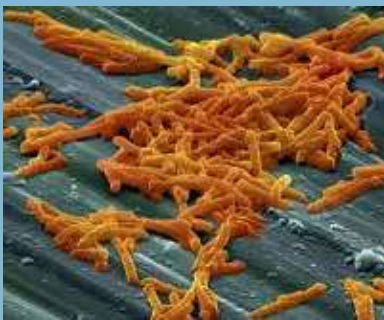
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Faecal microbiota transplantation for the treatment of recurrent *Clostridium difficile* infection

With the increasing prevalence of recurrent/refractory *Clostridium difficile* infection (CDI), alternative treatments to the standard antibiotic therapies are being sought. The use of faecal microbiota transplantation (FMT) as treatment for recurrent CDI has increased rapidly over the past few years. Its benefit and efficacy dates back >50 years to its use for staphylococcal pseudomembranous colitis, and now FMT is showing a great promise as an inexpensive, safe, and highly efficient treatment for recurrent and refractory CDI.

The major risk factor for CDI is prior antibiotic use, which results in an altered state of the gut microbiota characterized by decreased microbial diversity. This altered gut microbiota increases the patient's susceptibility to CDI. In patients with recurrent CDI, the microbiota remains in a state with decreased diversity, and FMT from a healthy individual restores the gut microbiota and subsequently colonization resistance against the pathogen.

Recent studies have shown the success rate for FMT as treatment for recurrent CDI being greater than 90%. Standardized, frozen preparations of faeces can be used, which increases the availability of faeces for FMT and decreases the cost of screening individual donors. In addition, there have been recent advances in identifying a defined microbial community isolated from faeces that can restore colonization resistance against *C. difficile*.

The use of FMT is a successful treatment for recurrent CDI when primary treatment options have failed. However, more work needs to define potential long-term consequences of this treatment and understand how specific members of the gut microbiota can restore colonization resistance against *Clostridium difficile*.



UPCOMING EVENTS

The 4th Biennial Conference of the Gastrointestinal Infection Society of India is scheduled to be held in Chandigarh at Government Medical College & Hospital from March 14-15, 2014.

ACHIEVEMENTS

Prof. Chetana Vaishnavi

Actively participated in the V International Conference on Environmental, Industrial and Applied Microbiology - BioMicroWorld2013, Madrid (Spain), 2-4 October 2013 and presented oral paper titled "Characterization of bacterial biofilms in biliary stents retrieved from patients with biliary diseases" and a poster titled "Molecular identification of Campylobacters from poultry in Chandigarh: its prevalence and antibiotic resistance profile". She also chaired the session on "Biofilms" during the conference.

Dr. Mrs. S.V Rana

Invited by International Federation of Clinical Chemistry (IFCC) for the Task Force meeting on Impact of laboratory medicine on clinical management & outcome and 20th European Congress of Clinical Chemistry and Laboratory Medicine at Milan, Italy, between 19th – 22nd May, 2013

Presented paper titled 'Evaluation of interleukin-10 and substance-p in ulcerative colitis patients' during International meeting of 17th Neurogastroenterology & Motility which was held on 20-22 September 2013 at the Hyatt Regency Huntington Beach Resort & Spa in Huntington Beach, California.

Dr Sandeep Dogra

Awarded membership of prestigious National Academy of Medical Sciences (NAMS) at 53rd Annual Conference of National Academy of Medical Sciences, AIIMS, Jodhpur from Oct 25-27, 2013

ANNOUNCEMENTS

1. Bidding are open for 5th Biennial GISICON to be held in 2015. Interested GISI members may contact at the address provided below.
2. Articles for **Journal of Gastrointestinal Infections** should be submitted as soft copy to the Editor, Journal of Gastrointestinal Infections. Instructions to authors are available on GISI website.
3. 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.
4. 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. Chetana Vaishnavi, Department 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	
2	Membership No.	
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