



INSTITUTE OF DENTAL SCIENCES – COCHRANE AFFILIATE CENTER

Prof. Dr. Neeta Mohanty
Director, IDS- Cochrane Affiliate
Dean, Institute of Dental Sciences, Bhubaneswar

Trusted evidence.
Informed decisions.
Better health.

Our Role



Producing trusted evidence



Conducting workshops and trainings for carrying out high quality systematic reviews



Disseminating them to public, healthcare providers and care-givers

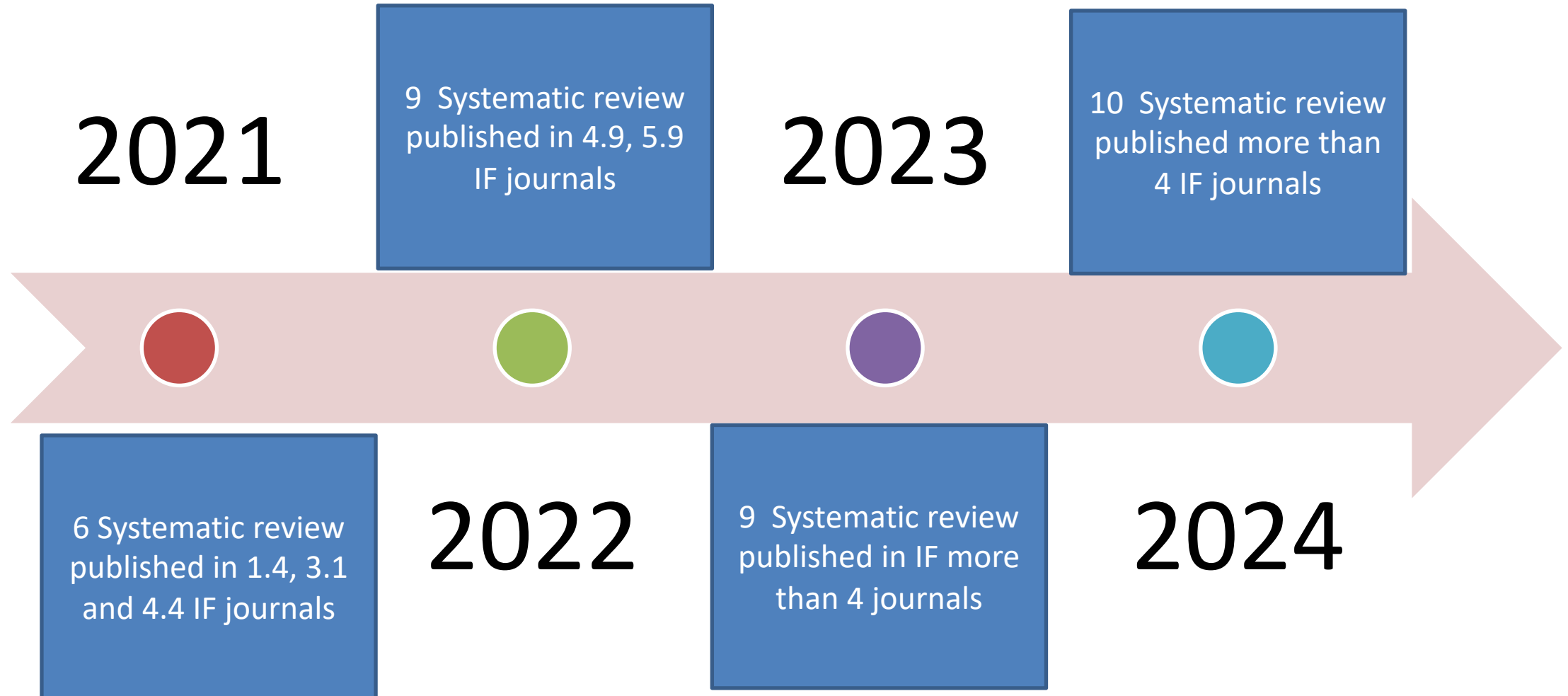


Collaborating with stakeholders for carrying out dissemination activities




Translating evidence to local languages


More than 40 SR (non- Cochrane) published by PG students and Faculty members since 2020 using RevMan and Cochrane Handbook for systematic reviews



EVENTS & WORKSHOPS

NATIONAL LEVEL ESSAY COMPETITION 2021

SPONSORED BY:  INSTITUTE OF DENTAL SCIENCES
SIKSHA 'O' ANUSANDHAN
Bhubaneswar

ORGANIZED BY:  **Cochrane
India Affiliate**

ESSAY on "EVIDENCE BASED DECISION MAKING"

Open to all Medical, Dental and Para-Medical health care professionals

RULES AND REGULATIONS

Word Limit: 2500 words.

Cochrane does not encourage plagiarism. Kindly ensure to attach a plagiarism report of less than 10%. Plagiarism check will be done.

Essays must be typed in A4 format using MS word, 1inch margin, double spacing font size 12 with style Times New Roman to be send as PDF.

The submission of the essay should be done along with registration details of the participants in the following link:
<https://forms.gle/ykZiezi5moBrwEmdA>

Any deviation from mentioned rules and regulations will be considered disqualified.

N.B: Certificate of participation will be provided for all participants in digital format. Winners will receive the original hard print of the same.

The winning essays will be published in Cochrane India website

Attractive Cash Prizes

1st Prize
10000 INR

3rd Prize
5000 INR

2nd Prize
8000 INR

Consolation prize money of
1000 INR for five well-deserved essays

IMPORTANT DATES


Registration starts : 17.09.2021
Last date of submission : 15.10.2021
Date of result announcement : 26.10.2021

(COCHRANE INDIA NETWORK INAUGURATION EVENT)

FOR ANY QUERIES

Dr. Saurav Panda - 9958859188
Dr. Lora Mishra - 8895246363
Dr. Debashruti Naik - 9439238604
Dr. Naomi Singh - 9937230101

or write to us @
ids.cochrane@soa.ac.in



SCAN HERE TO REGISTER AND SUBMIT

AFFILIATES:

IDS, Bhubaneswar | PGI, Chandigarh | ICMR, New Delhi | AIIMS, New Delhi | CMC, Vellore | KGMU, Lucknow | MAHE, Manipal | TMC, Mumbai | IIPH, Hyderabad



**COCHRANE
INDIA AFFILIATE**

**INSTITUTE OF
DENTAL SCIENCES**



Workshop on Evidence

Workshop facilitator

Suchi Kapoor Malhotra
*Evidence Synthesis Specialist,
Campbell South Asia*



What is EGM?

EGMs show what evidence there is and not what evidence says.

It consolidate what we know and do not know about "what works" by mapping out existing and ongoing systematic reviews & impact evaluations in this field; and by providing a graphical display of areas with strong, weak or non-existent evidence on the effect of interventions or initiatives.

EGMs are systematic and visual presentations of the availability of rigorous evidence for a particular

RESOURCE PERSON



DR. RAVISHANKAR J PHD
*Assistant Professor Department of Biostatistics,
Vellore Hospital Patel Chest Institute,
University of Delhi, Delhi.*

ONLINE WEBINAR



META- ANALYSIS WORKSHOP

04/02/2022, FRIDAY: 2:00PM to 5:00PM
05/02/2022, SATURDAY: 10:00AM to 1:00AM

Prerequisites for attending workshop

Participants are requested to:

- Download the latest version of RevMan which is a free software.
- Have an overview of systematic review.
- Revise the following basic concepts of statistics - types of outcomes, standard error, confidence intervals, null and alternate hypothesis, odds ratio, variance of odds ratio, confidence interval of odds ratio, risk ratio, variance of risk ratio, confidence interval of risk ratio, mean difference, variance of mean difference, confidence interval of mean difference.

Link

META-ANALYSIS WORKSHOP (DAY 1)
Friday, February 4 - 2:00 - 5:00pm
Google Meet joining info
Video call link: <https://meet.google.com/afp-cqzj-759>

META-ANALYSIS WORKSHOP (DAY-2)
Saturday, February 5 - 10:00am - 1:00pm
Google Meet joining info
Video call link: <https://meet.google.com/gxv-fvtd-uct>

ORGANISED BY:




**COCHRANE
INDIA AFFILIATE** **INSTITUTE OF
DENTAL SCIENCES**

For enquiries

Dr. Saurav Panda: 995889918
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Email: ids.cochrane@soa.ac.in

Exclusively for DDA faculties



Cochrane Affiliate Centre
Institute of Dental Sciences, Bhubaneswar
proudly presents



PRIZE 2021

PRIority SETTING in health research.

A Virtual Conglomerate for Health Care Professionals

24th April 2021 Saturday, at 2.30pm



Dr. Sumanth Kumbargere Nagraj
Cochrane Oral Health Clinical Editor,
Professor and Head, Manipal University College Malaysia,
Convener, Cochrane Priority Setting Methods group

Identifying research topics and questions, prioritizing research topics and discussion with stake holders.

Programme Director: Prof. (Dr) Neeta Mohanty
Director, Cochrane Affiliate Centre, IDS, Bhubaneswar.

Programme Coordinator: Dr. Satyaranjan Mishra
Co-ordinators: Dr. Lora Mishra & Dr. Saurav Panda

All registered participants will receive the google meet link to join the webinar and get participation certificate.

Click on the link to register:
<https://forms.gle/oHa5mVCvJHptR2KW6>

Our Dissemination Activities

- Dedicated column in IDA times and local newspapers like 'Prameya' for publishing Cochrane evidences
- Podcasts on evidences via our SOA 90.4 Community Radio FM
- Live interactive TV shows with experts in News7 'Health Talk' shows
- IEC materials in local language
- Translating evidences in Hindi Language to spread across nation.

Disseminating evidences via local dialects

Image

PROPER BRUSHING TECHNIQUE EXPLAINED ON NATIONAL TOOTH BRUSHING DAY

Bhubaneswar, Nov 09 (TNB): Proper brushing technique is the first step to maintaining healthy teeth and gums and though most people brush everyday they don't have the proper idea as to how to do it the right way, experts in dental sciences said on the National Tooth Brushing Day observed at SOA on Sunday.

A person should place the tooth brush at a 45 degree angle against the gums and move the same gently back and forth in short strokes for better effect, experts at the Institute of Dental Sciences (IDS), SOA's faculty of

dental sciences, explained to around 300 patients in the institute's Out Patients Department (OPD) on the occasion. Experts from the department of Public Health Dentistry also provided advice and suggested medication to the patients.

The experts said though several toothpastes were available in the market, every person should consult a dental professional before making the choice. However, it was better to use fluoride toothpaste with a soft-bristle toothbrush to begin with, they said. For maintaining better oral



hygiene, it was necessary to brush the teeth twice daily for two minutes each employing the correct brushing technique which included 30 seconds of brushing each section of the

mouth. Manual toothbrushes are widely used but powered toothbrushes were expensive and vary in price drastically.

"The Cochrane Affiliate Center at IDS suggests

that a proper tooth brushing technique is more important than the choice of the tooth brush as per findings of previous research work compiled by Cochrane Collaborators," Prof. Neeta Mohanty, Dean of IDS, said. Prof. Mohanty said IDS being a Cochrane affiliate believed in disseminating evidence-based information on oral health to general public. Demonstration of correct tooth brushing technique, duration and frequency of tooth brushing, correct time to replace a tooth brush and the importance of oral hygiene during the Covid-19 pandemic were emphasized to the patients.

କଳ୍ପେନ ଇଣ୍ଡିଆ ନେଟୱର୍କ ସହ ଯୋଡ଼ି ହେଲା ସୋଆ

ଭୁବନେଶ୍ୱର, ୨୯/୧୦ (ସ୍ୱାଗତା): ଭାରତରେ କଳ୍ପେନ ଇଣ୍ଡିଆ ନେଟୱର୍କ (ସିଆଇଏନ) ଦର୍ଯ୍ୟକାରୀ ହେବା ସହିତ ଶିକ୍ଷା ଓ ଅନୁଗ୍ରହ (ସେଆ) ପରିଚାଳିତ କର୍ମସୂତ୍ର ଅଫ ଡେଭଲପମେଣ୍ଟ୍ (ଆଇଡିଏସ) ଏଥିରେ ଏକ ଅଧିକାରୀଙ୍କୁ ନେଇ ଯୋଡ଼ି ହୋଇଛି । ଉପସାଧାରଣ କ୍ଷେତ୍ରରେ ଅଧିକ ଡ଼ାକ୍ତର ଗ୍ରହଣ ପରିଚିତ ହେଉଛି ଏହି ଅନୁଗ୍ରହ ଉପରେ । ସିଆଇଏନର ଜିଏସଏଚ କର୍ମସୂତ୍ର ଅଫ ମେଡିକାଲ ସିଏସଏ, କୁଆଡ଼ିଆ ଏଥିରେ ସହଯୋଗ କରିଥିଲା । କଳ୍ପେନ ହେଉଛି ଯୁକ୍ତେତର ଦର୍ଯ୍ୟକାରୀ ପଦ୍ଧତି ଯାହା ସାମ୍ବ୍ୟ ସମ୍ପ୍ରଦାୟ ସମାଜ ପୁନର୍ଗଠନ ଏବଂ ସ୍ୱଚ୍ଛତା ବୃଦ୍ଧି ପ୍ରଫେସର ନାରୀ ମହାନ୍ତି କହିଛନ୍ତି । ସିଆଇଏନ ସହିତ ଯୋଡ଼ି ହୋଇଥିବା ଦି ଅନୁଗ୍ରହ ମଧ୍ୟରୁ ସେଆ ଅନୁଗ୍ରହ ହୋଇଛି ଏମ୍ଏ କୁଆଡ଼ିଆ, ଅଭିଯୋଗୀ କୁଆଡ଼ିଆ, ଶ୍ରୀକ୍ଷିଆ, ମେଡିକାଲ କଲେଜ

ଭେଲୋର, ଇଣ୍ଡିଆର ଭୁବନେଶ୍ୱର ଅଫ ପବ୍ଲିକ୍ ହେଲ୍ଥ ଅନୁଗ୍ରହ, ଡିଏ ଇନିସିଟିଭ୍ ମେଡିକାଲ୍ ସିଷ୍ଟେମ୍ସରେ କଳ୍ପେନ, ମଣିପାଲ୍ ଏକାଡେମୀ ଅଫ୍ ହଲ୍ଥ ଅନୁଗ୍ରହ ମଣିପାଲ୍, ଯୋଡ଼ି ଗ୍ରହଣ ଏକର୍ମସୂତ୍ର ଅଫ୍ ମେଡିକାଲ୍ ଏକ୍ସପେରଟ୍ ଆଇ ଇଏସ୍ କର୍ମସୂତ୍ର ଓ ନାଲୀ ମେଡିକାଲ୍ ହାସ୍ପିଟାଲ୍ ପ୍ରମାଣ । ଏହି କର୍ମସୂତ୍ରରେ ପ୍ରାୟ ୧୦୦୦ରୁ ଅଧିକ ପ୍ରତିନିଧି ଯୋଗ ଦେଇଥିବା ବେଳେ ନାଟି ଆଲୋଚନା ସଭାରେ ଡ. ବିନୋଦ ପଲ୍ ଯୋଗଦେଇ ବିଶ୍ୱବ୍ୟାପୀ ଉପସାଧାରଣ ସମ୍ପର୍କିତ ତଥ୍ୟ ପ୍ରଦାନକୁ ଗେର ଦେଖି କଳ୍ପେନର ଦର୍ଯ୍ୟକାରୀ ପ୍ରଣାଳୀ କହିଥିଲେ । ସାମ୍ବ୍ୟ ଗଡ଼େଶିଆ ବିଏଭି ସହିତ ତଥ୍ୟ ଆଭିଯୋଗୀ ଆଇଏଚ୍ଏସ୍ ନେଟୱର୍କର ଅନୁଗ୍ରହ, ପ୍ରଫେସର ଦେବୀନୀ କୁମାର୍ ଦତ୍ତଙ୍କ ପୁଅଟିଏ ଭବେ ଯୋଗ ଦେଇଥିଲେ । ଅନ୍ୟମାନଙ୍କ ମଧ୍ୟରେ ଡି. ଶ୍ରୀ ସାମ୍ବ୍ୟ ଦାସପାଠକ କୁଆଡ଼ି ଆସ୍ପିକାଲ୍ ଫର୍ ନର୍ମାଲ୍ ଆଇ ଉପରେ ବିନୋଦ କ. କର୍ମସୂତ୍ର, କଳ୍ପେନ ଉପସାଧାରଣ ପ୍ରଣାଳୀ ସମାବେଶ ଉ. କର୍ମା ସେର୍ସ-ଉପାଧାର, କଲ୍ପେନ ଯୁକ୍ତେତ ପିଠକ ଡ. କୁଞ୍ଜିୟୁ ଗୋପି ପ୍ରମୁଖ ବ୍ୟକ୍ତି ବସୁଥିଲେ ।

PROPER BRUSHING TECHNIQUE EXPLAINED ON NATIONAL TOOTH BRUSHING DAY

Bhubaneswar, (A.O. Bureau): Proper brushing technique is the first step to maintaining healthy teeth and gums and though most people brush everyday they don't have the proper idea as to how to do it the right way, experts in dental sciences said on the National Tooth Brushing Day observed at SOA on Sunday. A person should place the tooth brush at a 45 degree angle against the gums and move the same gently back and forth in short strokes for better effect, experts at the Institute of Dental Sciences (IDS), SOA's faculty of dental sciences, explained to around 300 patients in the institute's Out Patients Department (OPD) on the occasion. Experts from the department of Public Health Dentistry also provided advice and suggested medication to the patients. The experts said though several



toothpastes were available in the market, every person should consult a dental professional before making the choice. However, it was better to use fluoride toothpaste with a soft-bristle toothbrush to begin with, they said. For maintaining better oral hygiene, it was necessary to brush the teeth twice daily for two minutes each employing the correct brushing technique which included 30 seconds of brushing each section of the mouth. Manual toothbrushes are widely used

but powered toothbrushes were expensive and vary in price drastically. "The Cochrane Affiliate Center at IDS suggests that a proper tooth brushing technique is more important than the choice of the tooth brush as per findings of previous research work compiled by Cochrane Collaborators," Prof. Neeta Mohanty, Dean of IDS, said. Prof. Mohanty said IDS being a Cochrane affiliate believed in disseminating evidence-based information on oral health to general public.

Disseminating evidence through SOA 90.4 FM Community Radio

Odia Translation:
Prof Dr Satyaranjan Misra



PODCAST TITLE:
What are the most accurate tests for screening for cancer of the mouth (oral cancer) and conditions that may lead to oral cancer?

Authors:
Walsh T, Warnakulasuriya S, Lingen MW, Kerr AR, Ogden GR, Glennly A-M, Macey R

DOI: <https://doi.org/10.1002/14651858.CD010173.pub3>

Acknowledgement: Prof Dr Neeta Mohanty for reviewing the podcast

AUDIO CREDIT:
Radio 90.4, voice of SOA community



Odia Translation:
Dr Rupsa Das



PODCAST TITLE:
Evidence-based tooth and gum care

Authors:
James P, Parnell C, Harding M, Whelton H, Worthington HV, Beirne PV.

DOI: 10.1002/14651858.CD008676. Accessed 16 September 2022.

Acknowledgment: Prof Dr Neeta Mohanty, Prof Dr. Satyaranjan Misra, and Prof Dr. Gunjan Shrivastava for reviewing the podcast

AUDIO CREDIT:
Radio 90.4, voice of SOA community



Odia Translation:
Dr Debshruti Naik



PODCAST TITLE:
How often should you visit your dentist for check up?

Authors:
Fee PA, Riley P, Worthington HV, Clarkson JE, Boyers D, Beirne PV

DOI: 10.1002/14651858.CD004346.pub5.

Acknowledgement: Prof Dr Neeta Mohanty, Prof Dr Lora Mishra & Dr Sourav Panda for reviewing the podcast

AUDIO CREDIT:
Radio 90.4, voice of SOA community



Odia Translation:
Dr. Debarchita Sarangi



PODCAST TITLE : Topical fluoride as a cause of dental fluorosis in children

AUTHORS:
May CM WongAnne-Marie Glennly Boyd WK TsangEdward CM LoHelen V WorthingtonValeria CC Marinho

DOI :
<https://doi.org/10.1002/14651858.CD007693.pub2>

Acknowledgment: Prof Dr Neeta Mohanty for reviewing the podcast

AUDIO CREDIT: Radio 90.4, voice of SOA community



Odia Translation:
Dr Smita Rani Priyadarshini



PODCAST TITLE:
Interventions for tobacco cessation delivered by dental professionals

Authors:
Holliday R, Hong B, McColl E, Livingstone-Banks J, Preshaw PMR

DOI: 10.1002/14651858.CD005084.pub4.

Acknowledgement:
Prof Dr Swagatika Panda & Prof Dr Satyaranjan Misra for reviewing the podcast

AUDIO CREDIT:
Radio 90.4, voice of SOA community



Odia Translation:
Prof Dr Sumita Mishra



PODCAST TITLE :
Orthodontic treatment for prominent upper front teeth (Class II malocclusion) in children and adolescents

AUTHORS:
Klaus Bsl Batista , Badri Thiruvengkatachari, Jayne E Harrison, Kevin D O'Brien

DOI: 10.1002/14651858.CD003452.pub4

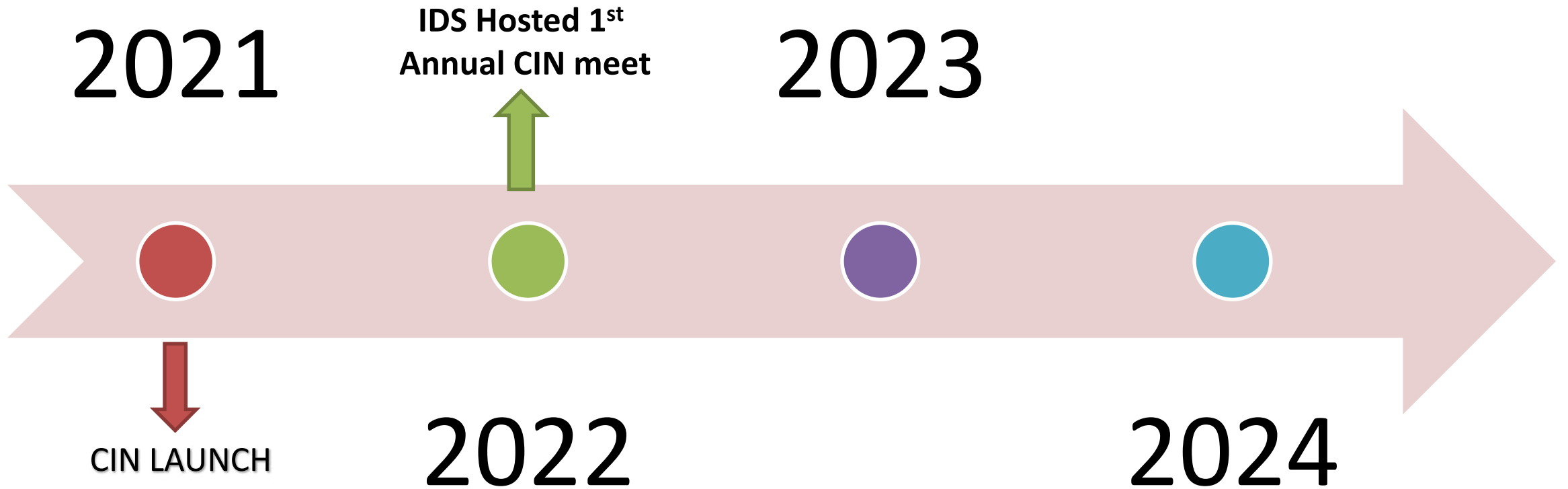
Acknowledgment: Prof Dr Neeta Mohanty for reviewing the podcast

AUDIO CREDIT: Radio 90.4, voice of SOA community

Disseminating evidence through News Channels



TIMELINE



Improving Oral Health

In keeping with his desire to make a difference to the oral health of Indians, a free treatment camps and oral health awareness on preventive measures by dental volunteers was held to mark the occasion. The association also conveyed its sincere thanks to every dental professional for their sincere contribution in terms of their time, resources, knowledge and skills to ensure better oral health conditions to the economically downtrodden and the marginalized community. Dr. Dhole also addressed all members through a live webinar exhorting them to create greater awareness of the impact of oral health on general health and how neglect of oral health can affect overall health and quality of life. He also appealed to them to promote 'SwachhMukhAbhiyan' across the country to improve the oral health scenario.

An Occasion for Networking, Trade Exhibition, Scientific Sessions

The celebrations also were marked by a sense of community and camaraderie which is inherent in dental conventions. Networking with colleagues is about coming together and exchanging knowledge with like-minded individuals who share the same passion - and that is something that makes celebrations vital to the existence of the dental community. The occasion also attracted the best speakers and featured a lot about current industry trends and the latest technical and thought-provoking innovations.

On this occasion, the scientific sessions added a cutting edge to the entire celebrations with keynote lectures, hands on courses and a scientific programme focused on the latest innovative technologies and therapeutic procedures. At the show a truly outstanding array of speakers delivered their latest studies, discussed cases, reviewed solutions to issues, and conducted in-depth discussions on ways to promote oral and dental health. Delegates attended in large numbers to listen to these speakers and expand their knowledge to offer a better quality service to their patients with better treatments.

IDA launched National No Sugar Day...with NetProFAN and Eat Right India



The session was followed by an address by Dr. Ashok Dhole, Hon. Sec. General, IDA HQ. Dr. Dhole oriented a brief idea about the impacts of sugar on general health and requested IDA branch and members to actively participate in the campaign. He appreciated the efforts taken by Dr. Rajiv Chugh and Mr. Arun Singhal, CEO of FSSAI to promote the National No Sugar Day launch. He also mentioned the plan for accreditation to schools shortly.

Further Dr. S. G. Damie formally launched the No Sugar Day and shed light upon the major role sugar plays in the prevalence of dental caries. He emphasized the risk factors associated with the activation of caries with evidence-based data explaining the occurrence of caries amongst children and adults in India and all over the world. He talked about the preventive strategies and various approaches in caries management and control of sugar consumption.

Mr. Vishwas Sharma, Deputy Manager of FSSAI briefly introduced Eat Right India and NetProFAN by FSSAI. FSSAI has embarked on a large-scale effort to transform the country's food system to ensure safe, healthy and sustainable food for all Indians through the 'Eat Right India' movement. He talked about the need to focus on preventive healthcare by ensuring safe, healthy food for all people in an environmentally sustainable way. Evidence-based statistical data was shown on sugar consumption in India and its effects on the general population were highlighted.

Dr. Dharti highlighted the relationship between sugar and oral health. Her session consisted of informing about the objectives of the National No Sugar Day campaign. She emphasized the sugar advocacy strategy and the various plan of action that can be carried out digitally, through public health activity and with the help of allied health organizations' participation. Dr. Ashwin Javedkar presented statistical information on sugar production and intake in India. He talked about dietary restrictions on sugar substitutes help reduce the impact of sugars on dental health and the role of dental professionals in achieving the same. The event was concluded with a vote of thanks by Dr. Dharti Chopda. He emphasized the advantages of sugar free promotions and advocacy for the decrease of caries and lesions.

The program dealt with the various facets of sugar's effect on general health and prevention. The online panel discussion was a grand success with hundreds of viewers across the country.

IDA upholds its Commitment to Disseminating Evidence-Based Information at the First Cochrane India Network Annual Meet



Institute of Dental Sciences (IDS), Cochrane India Affiliate Centre hosted the first Cochrane India Network (CIN) meet on 29th Oct., 2022 in SOA Auditorium Campus 2, Bhubaneswar, commemorating one-year completion of CIN.

The event began with Keynote Lecture by Dr. Sabina Singh (PhD), Director of research Campbell South Asia on Evidence and Gap Maps, which highlighted the importance of identifying and conducting focussed work on the research gaps in the area. The event was represented by co-chairs of CIN - Dr. Anju Sinha (ICMR, Delhi), Dr. Meenu Singh (PGIMER Chandigarh and AIIMS Rishikesh) and Dr. Neeta Mohanty (Director & Dean, IDS, Cochrane India Affiliate Centre). The event's chief guest, Dr. Dibyendu Mazumdar (President, Dental Council of India) and the guest of honour, Dr. K. Madan Gopal Ji (the Senior Consultant, Health, NITI Aayog), addressed the gathering and lauded the efforts taken up by CIN in participating with policymakers to provide high-quality evidence to the public.

The agreement process was successfully facilitated by the representatives from both the parties - Dr. Ashok Dhole, Hon. Sec. General, signed the MoU with Dr. Neeta Mohanty (Director, IDS). He spoke about how IDA works at the grassroots level to make oral health accessible to all. He assured that IDA would give unparalleled support to IDS in disseminating information to the general public in various language forms. IDA will provide a platform to communicate evidence-based information and will overlook the process through its designated representative along with a dedicated team. The event witnessed one thousand two hundred guests inclusive of a diverse community of directors of all the Cochrane India Affiliate Centres and various other stake holders, policy makers, researchers, faculties and students. Congratulating on the newly-established research collaboration between IDA and IDS, Cochrane India Affiliate Centre and wishing successful outcomes!



Dr. Puneet Girdhar, President



Dr. Ashok Dhole, Hon. Secretary General

Message from IDA Head Office

Dear Colleagues, Modern technological advances are changing the dental industry that make for a better experience for patients and more efficient workflows for dentists. The most important impact of technology is the provision of better patient care at a lower cost than ever before. In fact, we can proudly say we were among the very first industries to not only embrace technology but utilize it effectively in the practice setting to offer quality care.

Telemedicine applications are making health care services accessible, affordable and inexpensive; as dental professionals uses various types of media (e.g., video) to view patient data and provide real-time treatment recommendations remotely. The digital revolution is making oral health affordable and understandable as patients can see their transformation in oral health even before the start of the actual treatment, which increases their faith in the dentist and acceptance of suggested treatment.

Dental professionals are able to pinpoint the patients' susceptibility to various types of oral disease using data regarding age, medical and dental health history, as well as genome. This helps dentists to tailor precise treatment as per genetics, making treatment choices most effective for genome and physiology or the specific bacteria causing the problem.

IDS- IDA COLLABORATION

IDS-Cochrane Affiliate has been working closely with IDA for disseminating Cochrane based evidences through a MoU signed at "Cochrane Annual Meet" at Siksha 'O' Anusandhan University on 29th October 2022.



INSTITUTE OF DENTAL SCIENCES, SOA
COCHRANE INDIA
AFFILIATE CENTRE



FIRST COCHRANE INDIA NETWORK (CIN) ANNUAL MEET , 29th October 2022



Keynote Speakers
Venue:
SIKSHA 'O' ANUSANDHAN
AUDITORIUM COMPLEX
(CAMPUS 2),
BHUBANESWAR, ODISHA

Dr Prashanti Eachempati
Topic: Challenges in Cochrane Review



Dr Sabina Singh (PhD)
Topic: Evidence and Gap Maps

CENTRAL ORGANISING COMMITTEE



Dr. Anju Sinha
Co-Chair Cochrane India Network (ICMR)



Dr. Meenu Singh
Co-Chair Cochrane India Network (PGIMER & Director ABMS Rishikesh)



Dr. Neeta Mohanty
Director Cochrane India Affiliate Centre (Dean, Institute of Dental sciences SOA)

IDA- IDS-Cochrane Affiliate MoU



BOOK RELEASE in “Odia” Language on “Oral Health Care during Pregnancy and Early Childhood”



More than 25 Cochrane Evidence based clinical question on Oral health and diseases published in IDA times

Recognising excellence through 'Parikramas Abharit' of 11 Cochrane Evidence based clinical questions on Oral health and diseases published in IDA times

Does Cryotherapy help in prevention of Oral Mucositis in patients receiving Anti-cancer therapy?

This column of IDA times serves to fulfil the vision of Indian Dental Association - Research Dept. and IDS Cochrane Affiliate Centre Collaboration to provide Cochrane systematic reviews or high quality peer-reviewed evidence to the IDA times readers. Know more about Cochrane India IDS on Twitter (@Cochrane_India), Facebook page (Cochrane India IDS Cochrane) or through email (ids.cochrane@soa.ac.in).

Patients undergoing anti-cancer therapy may suffer from a common adverse effect of inflammatory, erythematous and ulcerative lesions in the oral mucosa called as Oral mucositis. Cryotherapy induced oral mucositis is regarded as an acute condition, with ulceration normally occurring one week after treatment, and resolving within three weeks of treatment. Radiotherapy induced oral mucositis is chronic, with ulceration normally occurring around two weeks into a seven week treatment cycle, and resolving three to four weeks after treatment has ended. This may cause difficulty or pain to the patient during eating, drinking, swallowing or speaking. Advantages of using cryotherapy over other interventions include better availability, cost effectiveness, ease of administration, less side effects and well tolerated by patients.

Management strategies recommended by Multinational Association of Supportive Care in Cancer and the International Society of Oral Oncology (MASCC/ASCO) are:

Strategy	Method
Basic oral care	- Maintaining oral hygiene protocol.
	- Doing prophylactic dental interventions like extraction.
Mechanical cleaning	- Soft brush, floss.
	- Saline water rinse, sodium bicarbonate rinse, combination of sodium bicarbonate and saline water.
Oral rinses	- Avoid irritants.
	- Use of infusers and topical barrier gels.
Hydration and lubrication	- Irritant food should be avoided with zinc supplementation.
	- Topical morphine 0.2% mouth rinse.
Pain management	- LASER therapy.
	- Cryotherapy.
Chemo-protective agent	- Ice/Cold water in the mouth for vaso constriction.
	- Palifermin.

The question addressed in this Cochrane Review is whether cryotherapy is effective in preventing oral mucositis or not, compared to "no treatment".

14 Randomised Controlled Trials were included in this review with 1280 participants, primarily receiving chemo-therapy. This evidence fell into two main groups: 1) Adults receiving fluorouracil based (5FU) treatment for solid cancers; or 2) Adults receiving high-dose methelphaan based cancer treatment before haemopoietic stem cell transplantation (HSCT).

Author's Conclusion

Authors of this review are confident that oral cryotherapy leads to large reductions in the incidence of oral mucositis of all severities in adults receiving fluorouracil based (5FU) treatment for solid cancers. However, they also are less confident in the ability of oral cryotherapy to reduce the incidence of oral mucositis in adults receiving high-dose methelphaan based cancer treatment prior to HSCT. Evidence suggests that it does reduce oral mucositis in these adults, but are less certain about the size of the reduction, which could be large or small. However, with high certainty this review suggests that there is an appreciable reduction in severe oral mucositis in these adults.

To read the full review, you can access the Cochrane library.

Riley P, Glenny AM, Worthington HV, Littlewood A, Clarkson JE, McCabe MG. Interventions for preventing oral mucositis in patients with cancer receiving treatment: oral cryotherapy. *Cochrane Database of Systematic Reviews* 2015, Issue 12, Art. No. CD010552.

DOI: 10.1002/14651858.CD010552.pub2

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Edited by **Dr. Lakshmi Bairaj**
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IDA meets Cochrane Collaboration with Kallada Dental Show

Continued from pg 1

Improving Oral Health

In keeping with his desire to make a difference to the oral health of Indians, a free treatment camps and oral health awareness or preventive measures by dental volunteers was held to mark the occasion. The association also conveyed its sincere thanks to every dental professional for their sincere contribution in terms of time, resources, knowledge and skills to ensure better oral health conditions to the economically downtrodden and the marginalized community. Dr. Dhoble also addressed all members through a live webinar, exhorting them to create greater awareness of the impact of oral health on general health and how neglect of oral health can affect overall health and quality of life. He also appealed to them to promote 'SwachhMukhAbhiyan' across the country to improve the oral health scenario.

An Occasion for Networking, Trade Exhibition, Scientific Sessions

The celebrations also were marked by a sense of community and camaraderie which is inherent in dental conventions. Networking with colleagues is about coming together and exchanging knowledge with like-minded individuals who share the same passion - and that is something that makes celebrations vital to the existence of the dental community. The occasion also attracted the best speakers and featured a lot about current industry trends and the latest technical and thought-provoking innovations.

On this occasion, the scientific sessions added a cutting edge to the entire celebrations, with keynote lectures, hands-on courses and a series of programmes focused on the latest innovative technologies and therapeutic procedures. At the show a truly outstanding array of speakers delivered their latest studies, discussed cases, reviewed solutions to issues, and conducted in-depth discussions on ways to promote oral and dental health. Delegates attended in large numbers to listen to these speakers and expand their knowledge to offer a better quality service to their patients with better treatments.

IDA launched National No Sugar Day, with Nethofan and Eat Right India.

Continued from pg 1



The session was followed by an address by Dr. Ashok Dhoble, Hon. Sec. General, IDA HO. Dr. Dhoble introduced the brief idea about the impacts of sugar on general health and requested IDA branch members to actively participate in the campaign. He appreciated the efforts to be led by Dr. Rajiv Chugh and Dr. Arun Singhal, CEO of FSSAI to promote the National No Sugar Day launch. He also mentioned the plan for accreditation to schools shortly.

Further, Dr. S. G. Damle formally launched the No Sugar Day and shed light upon the major role sugar plays in the prevalence of dental caries. He emphasized the risk factors associated with the activation of caries with evidence-based data explaining the occurrence of caries amongst children and adults in India and all over the world. He talked about the preventive strategies and various approaches in caries management and control of sugar consumption.

Mr. Vishwas Sharma, Deputy Manager of FSSAI briefly introduced Eat Right India and Nethofan by FSSAI. FSSAI has embarked on a large-scale effort to transform the country's food system to ensure safe, healthy and sustainable food for all Indians through the 'Eat Right India' movement. He talked about the need to focus on preventive healthcare by ensuring safe, healthy food for all people in an environmentally sustainable way. Evidence-based statistical data was shown on sugar consumption in India and its effects on the general population were highlighted.

Dr. Dhant highlighted the relationship between sugar and oral health. His session consisted of informing about the objectives of the National No Sugar Day campaign. She emphasized the sugar advocacy strategy and the various plan of action that can be carried out digitally, through public health activity and with the help of allied health organizations' participation. Dr. Ashwin Jawdekar presented statistical information sugar production and intake in India. He talked about dietary restrictions on sugar substitutes help reduce the impact of sugars on dental health and the role of dental professionals in achieving the same. The event was concluded with a vote of thanks by Dr. Dhant Chopda. He emphasized the advantages of sugar free promotions and advocacy for the decrease of caries and lesions.

The program dealt with the various facets of sugar's effect on general health and prevention. The online panel discussion was a grand success with hundreds of viewers across the country.

IDA upholds its Commitment to Disseminating Evidence-Based Information at the First Cochrane India Network Annual Meet



Institute of Dental Sciences (IDS), Cochrane India Affiliate Centre hosted the first Cochrane India Network (CIN) meet on 29th Oct., 2022 in SOA Auditorium Campus 2, Bhubaneswar, commemorating one-year completion of CIN.

The event began with Keynote Lecture by Dr. Sabrina Singh (PhD), Director of research Cambell South Asia on Evidence and Gap Maps, which highlighted the importance of identifying and conducting focused work on the research gaps in the area. The event was represented by co-chairs of CIN - Dr. Anju Sinha (ICMR, Delhi), Dr. Meenu Singh (PGIMER Chandigarh and AIMS Rishikesh) and Dr. Neeta Mohanty (Director & Dean, IDS, Cochrane India Affiliate Centre). The event's chief guest, Dr. Dibyendu Mazumdar (President, Dental Council of India) and the guest of honour, Dr. K. Madan Gopalji (the Senior Consultant, Health, NITI Aayog), addressed the gathering and lauded the efforts taken up by CIN in participating with policymakers to provide high-quality evidence to the public.

The event highlighted the exchange of a memorandum of understanding between IDS Cochrane India Affiliate Centre and the Indian

Dental Association (IDA). The guest of honour, Dr. Ashok Dhoble, Hon. Sec. General, signed the MoU with Dr. Neeta Mohanty (Director, IDS). He spoke about how IDA works at the grassroots level to make oral health accessible to all. He assured that IDA would give unparalleled support to IDS in disseminating information to the general public in various language forms. IDA will provide a platform to communicate evidence-based information and, will overlook the process through its designated representative along with a dedicated team.

The agreement process was successfully facilitated by the representatives from both the parties - Dr. Lakshmi Bairaj (Chief Officer for Research at IDA-HO) and the Deputy Directors of IDS, Cochrane affiliate centre viz. Dr. Lora Mishra and Dr. Saurav Panda. The event witnessed one thousand two hundred guests inclusive of a diverse community of directors of all the Cochrane India Affiliate Centres and various other stake holders, policy makers, researchers, faculties and students. Congratulating on the newly-established research collaboration between IDA and IDS, Cochrane India Affiliate Centre and wishing successful outcomes!

Message from IDA Head Office



Dr. Puneet Giridar
President



Dr. Ashok Dhoble
Hon. Secretary General

Dear Colleagues,

Modern technological advances are changing the dental industry that make for a better experience for patients and more efficient workflows for dentists. The most important impact of technology is the provision of better patient care at a lower cost than ever before. In fact, we can proudly say we were among the very first industries to not only embrace technology but utilize it effectively in the practice setting to offer quality care.

Telemedicine applications are making health care services accessible, affordable and inexpensive; as dental professionals uses various types of media (e.g., video) to view patient data and provide real-time treatment recommendations remotely. The digital revolution is making oral health affordable and understandable as patients can see their transformation in oral health even before the start of the actual treatment, which increases their faith in the dentist and acceptance of suggested treatment.

Dental professionals are able to pinpoint the patients' susceptibility to various types of oral disease using data regarding age, medical and dental health history, as well as genome. This helps dentists to tailor precise treatment as per genetics, making treatment choices most effective for genome and physiology or the specific bacteria causing the problem.

Workshop Camp for finalising laboratory marking at APJERIC



वैदिक आरोग्य तथ्यात्मकी शिबिरा



r caused due to tobacco use in any form. Conducting an possible to raise awareness about the hazards of tobacco which is more often ignored or paid negligible attention, a Limited Bank for collaborating with us in this initiative eradicate oral cancer," said Dr. Ashok Dhoble - Hon. Sec. ation.

A Head Office

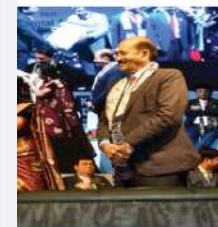


Dr. Ashok Dhoble
Hon. Secretary General

Dear Colleagues,

Keeping your patients mouth clean as it extends their lives and overall health. Inflammation like stress is a response but when there is continuous, low-intensity inflammation, the problems increase. Chronic inflammatory even if of low intensity such as in periodontal disease, can produce alterations that make the blood-brain barrier more permeable. This barrier protects the brain from dangerous elements. Continuous, low-intensity inflammation increases the chance of strokes. Research is ongoing to study the relationship between having intestinal dysbiosis or a mouth disorder and schizophrenia or even a stroke but it has been observed that these problems arise in patients who have inflammation in the mouth. The American Stroke Association in a recent study concluded, that "people who were genetically prone to cavities, missing teeth or needing dentures had a higher burden of silent cerebrovascular disease," therefore we advocate that you keep your patients mouth clean for overall health and well-being.

of Dentistry in India



v attendance of more than 1500
ice created a lots of memories to
a Kolkata; tasting of the traditional
ing first-hand the artistic and
visiting the Hugli bridge to the

Dear Colleagues,

We "think big" and out of box at the Indian Dental Association (IDA), as you know we celebrated our 75 years of existence and this year we gear up for preparing the next generation of oral healthcare leaders, pioneering research, outreach community programmes, advance the latest treatments while serving our diverse community of patients.

You are aware of IDA provision of exceptional education; opportunities and unparalleled clinical experience through our programmes which are immersed in an integrated education which combines an in-depth and extensive clinical practice experience related to the general health and well-being. This year we want our reader also to think "think big" and out of box with us.



ida
Indian Dental Association



Evidence based approach towards oral health practices

Bridging gap between clinical practice and clinical research - A joint-collaboration between IDA Research (APJERIC, IDA) and IDS Cochrane Affiliate Centre

Facilities and students from more than 200 dental colleges in the country publish large number articles in peer-reviewed journals. The scientific and clinical evidence presented in these articles is essential to the advancement of medical care and understanding. However, many dental hospitals, corporate hospital consultants, and private clinic practitioners find it challenging to efficiently review, learn and integrate vast amounts of data into clinical practice. Most of patients get oral health-related information through internet and various social media platforms. Well informed, educated patients expect that the care they receive will be based on the best available evidence. Nevertheless, it can take years for new research finding to move from the pages of a dental journal into an oral health care provider's clinical room. This needs to change!

This column of IDA times serves to fulfil the vision of the new-established collaboration between Indian Dental Association - Research Dept. and IDS Cochrane Affiliate Centre to provide Cochrane systematic reviews or high-quality peer-reviewed evidence to the IDA times readers. This will benefit the oral health care providers to keep up with the totality of available evidence on any given clinically oriented oral health topic. You can keep in touch with us between newsletter by following us on Twitter (@Cochrane_India), Facebook page (Cochrane India IDS Cochrane) or through email (ids.cochrane@soa.ac.in).

Does treatment for gum disease help people with diabetes control blood sugar levels?

The main question addressed here is how effective is gum disease (periodontitis) treatment for controlling blood sugar levels (known as glycaemic control) in people with diabetes, compared to no active treatment or usual care?

Glycaemic control is a key component in diabetes mellitus (diabetes) management. Periodontitis is the inflammation and destruction of the underlying supporting tissues of the teeth. Some studies have suggested a bidirectional relationship between glycaemic control and periodontitis. Treatment for periodontitis involves subgingival instrumentation, which is the professional removal of plaque, calculus, and debris from below the gumline using hand or ultrasonic instruments. This is known variously as scaling and root planing, mechanical debridement, or non-surgical periodontal treatment. Subgingival instrumentation is sometimes accompanied by local or systemic antimicrobials, and occasionally by surgical intervention to cut away gum tissue when periodontitis is severe.

In this systematic review 35 studies, which randomized 3249 participants to periodontal treatment or control. All studies used a parallel RCT design and followed up participants for between 3 and 12 months. Authors of this Cochrane review assessed two studies as being at low risk of bias, 14 studies at high risk of bias, and the risk of bias in 19 studies was unclear.

Authors concluded that, currently with moderate certainty evidence that periodontal treatment using subgingival instrumentation improves glycaemic control in people with both periodontitis and diabetes by a clinically significant amount when compared to no treatment or usual care.

To read the full review you can access the Cochrane review:

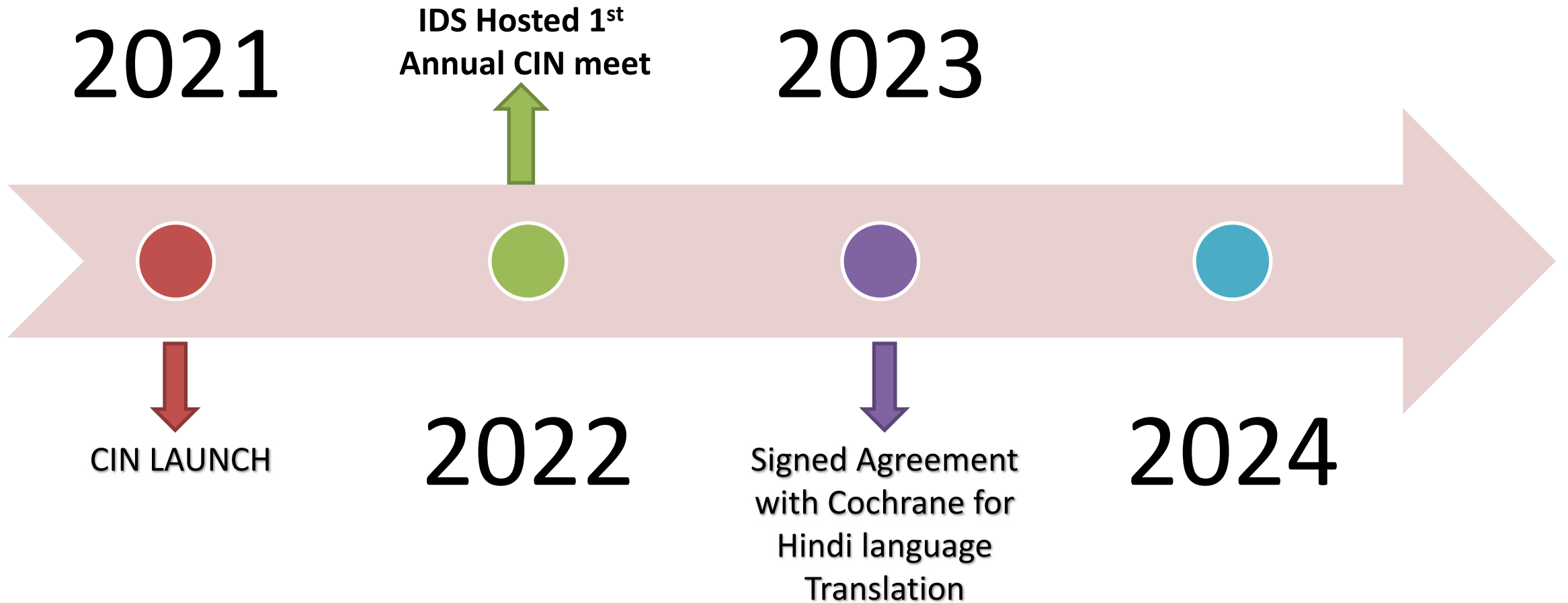
Simpson TC, Clarkson JE, Worthington HV, MacDonald L, Weidon JC, Needleman I, Iheozor-Ejirofor Z, Wild SH, Qureshi A, Walker A, Patel VA, Bayers D, Twigg J. Treatment of periodontitis for glycaemic control in people with diabetes mellitus. *Cochrane Database of Systematic Reviews* 2022, Issue 4, Art. No.: CD004714. DOI: 10.1002/14651858.CD004714.pub4.

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TIMELINE



2021



CIN LAUNCH

IDS Hosted 1st
Annual CIN meet



2022

2023



Signed Agreement
with Cochrane for
Hindi language
Translation

2024

Translating Cochrane Evidence to Hindi Language

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Cancer (3)
Child health (11)
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Dentistry & oral health (27)
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Heart & circulation (2)
Infectious disease (3)

New and updated

Stage

Review (27)

The search found 27 results in 0.175 seconds.

Search results

COCHRANE EVIDENCE (REVIEW) • Published 16 May 2024

छोटे बच्चों में दांतों की सड़न को रोकने के लिए गर्भवती महिलाओं, नई माताओं और अन्य प्राथमिक देखभालकर्ताओं के साथ हस्तक्षेप

छोटे बच्चों में दांतों की सड़न को रोकने के लिए गर्भवती महिलाओं, नई माताओं और अन्य प्राथमिक देखभालकर्ताओं के साथ हस्तक्षेप क्या गर्भवती महिलाओं, नई माताओं और प्राथमिक देखभाल करने वालों को बुनियादी दंत चिकित्सा देखभाल और/या मौखिक स्वास्थ्य संबंधी जानकारी प्रदान करने से छोटे बच्चों में दांतों की सड़न को रोका जा सकता है? ज़रूरी सन्देश • गर्भवती महिलाओं, माताओं और देखभाल करने वालों को स्वस्थ बच्चे के आहार और आहार विधियों, जैसे स्तनपान, बोतल से दूध पिलाना और ठोस भोजन देना, के बारे में जानकारी प्रदान करने से छोटे बच्चों में दांतों की सड़न के जोखिम को थोड़ा कम किया जा सकता है। • विभिन्न प्रकार के...

COCHRANE EVIDENCE (REVIEW) • Published 7 May 2024

वयस्कों में दांत की जड़ में सूजन या संक्रमण के कारण होने वाले दर्द और सूजन पर एंटीबायोटिक दवाओं का क्या प्रभाव होता है?

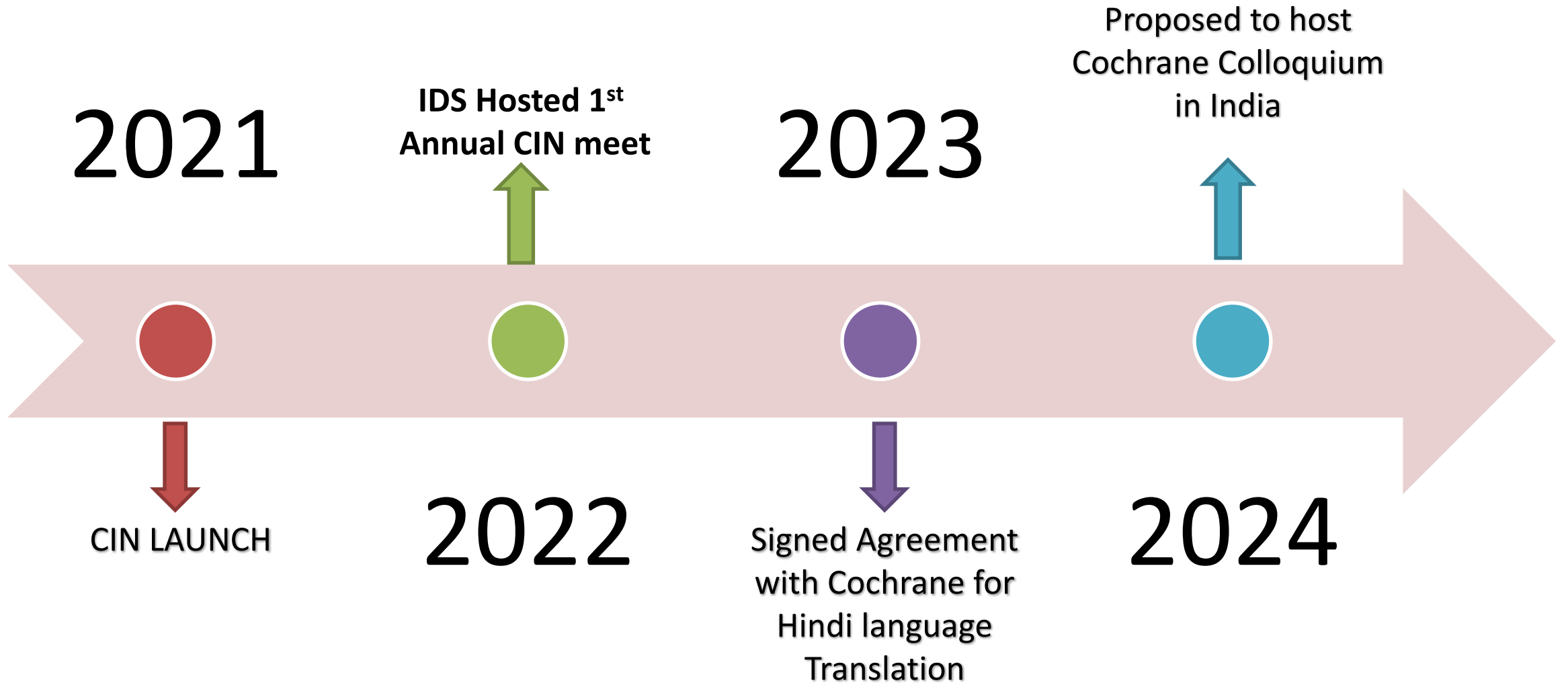
वयस्कों में दांत की जड़ में सूजन या संक्रमण के कारण होने वाले दर्द और सूजन पर एंटीबायोटिक दवाओं का क्या प्रभाव होता है? ज़रूरी सन्देश - रूट कैनाल उपचार से पहले एंटीबायोटिक दवाओं की एक खुराक लेने से दर्द और सूजन में शायद कोई अंतर नहीं पड़ता है। - डीब्राइडमेंट (रूट कैनाल के अंदर की आंशिक या पूर्ण सफाई से जुड़ी प्रक्रिया) के बाद ली गई एंटीबायोटिक दवाओं के दर्द या सूजन पर प्रभाव के बारे में साक्ष्य बहुत अनिश्चित हैं। - किसी भी अध्ययन ने दंत चिकित्सा उपचार के बिना, अकेले एंटीबायोटिक दवाओं के प्रभाव की जांच नहीं की, जब दांत दर्द के लिए सामान्य रूप से जिम्मेदार दो स्थितियों के लिए प्रदान किया गया।...

More than 25
Translations
published in 2023
and 25 more are
ongoing (2024)



Cochrane Colloquium 2023: London

TIMELINE



2021



CIN LAUNCH

IDS Hosted 1st
Annual CIN meet



2022

2023



Signed Agreement
with Cochrane for
Hindi language
Translation

Proposed to host
Cochrane Colloquium
in India



2024



CERTIFICATE OF PRESENTATION

On behalf of Cochrane, JBI, GIN and Campbell,
I am pleased to confirm that

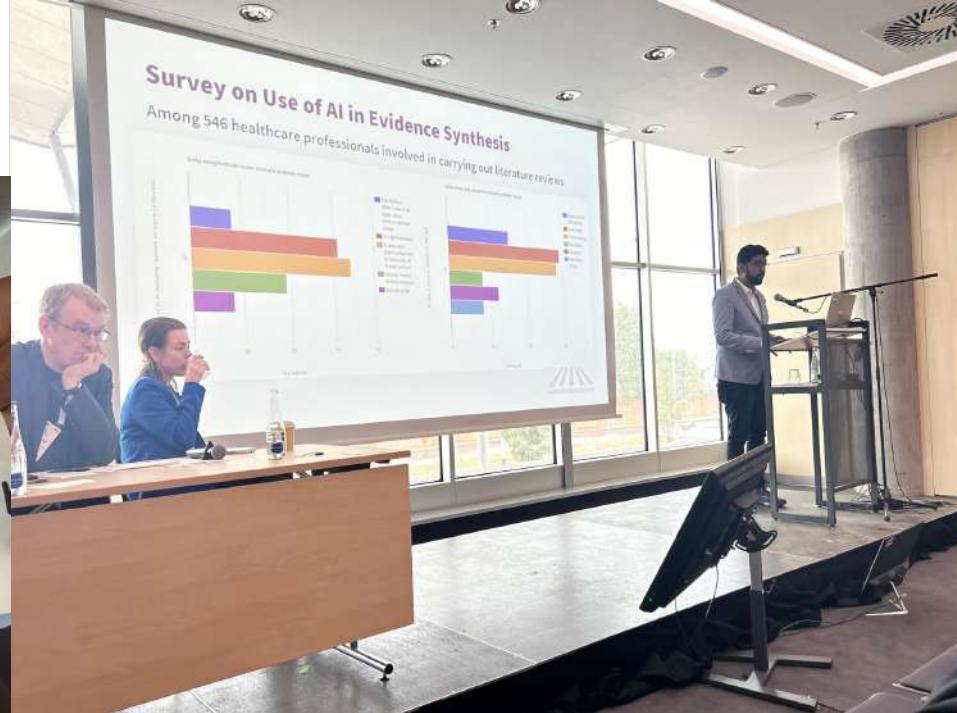
Dr Lora Mishra

has presented an abstract at
the Global Evidence Summit 2024.

*Topic: Addressing the Dental Caries Burden in India:
A Global Imperative for Evidence Translation and Implementation*

This event took place at the O2 universum in Prague,
Czech Republic on the 10 - 13 September 2024.

Miloslav Klugar



Global Evidence Summit September 2024, Prague



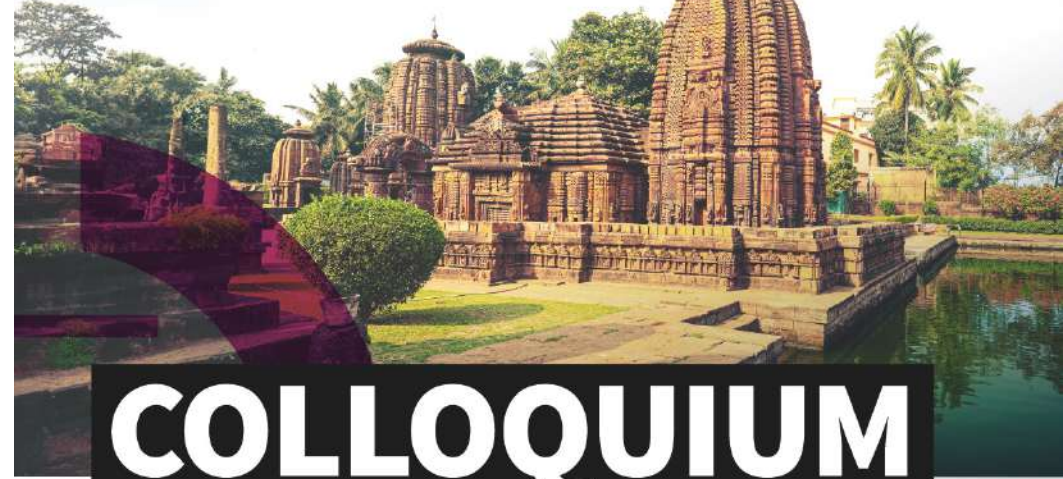
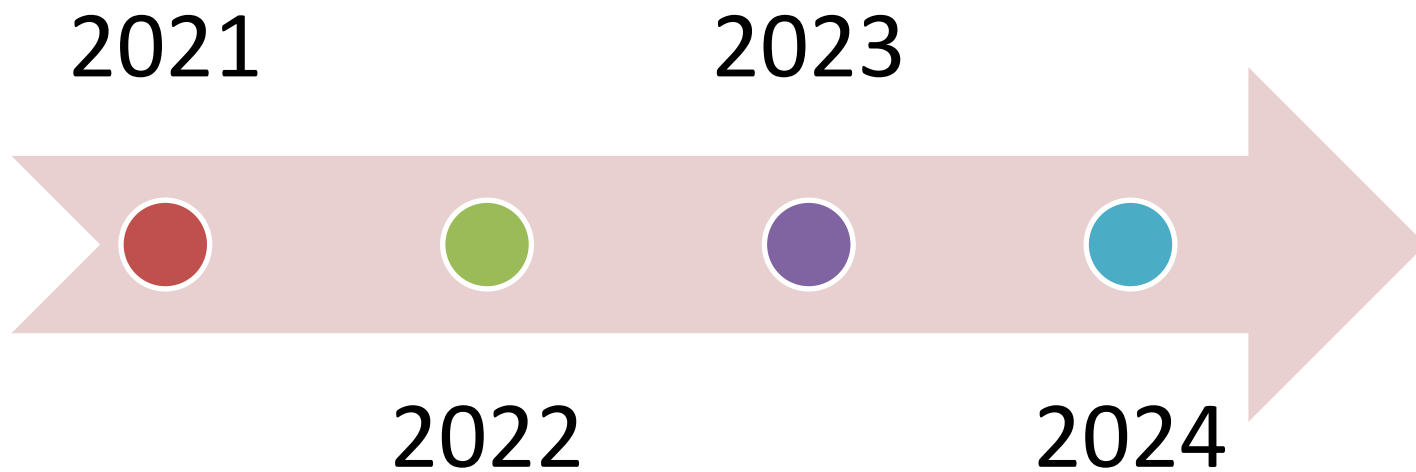
Global Evidence Summit

Using evidence. Improving lives.

10-13 September 2024
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