

**A Brief Report on Invited Impact Pharmacy Lecture Series 2023 – Lecture 02**

(New connections and New learning)

Date: 20.02.2023

***Name of the presenter:***

Dr Manjunath N Krishnamurthy, DM  
Associate Professor, Scientific Officer F,  
Dept. of Clinical Pharmacology, Advanced Centre for  
Treatment, Research and Education in Cancer  
Tata Memorial Centre, Navi, Mumbai



***Title of the presentation:***

*Novel tool for the assessment of Adverse Drug Events*

***Program Organized by:***

Dept. of Pharmacy Practice &  
Pharmacy Education Unit  
JSS College of Pharmacy, Ooty

*New Connections and New Learning: Pharmacy Practice- “Learning in the flow of work”*

Making learning is a part of everyday work – and everyone’s experience at work differs of course and it multiplies at different places. Internship training for Pharm D students is an opportunity to learn new and provide service to the needy patient population. To enhance their learning experience, the institute has created new connections and learning opportunity at various practice settings. Our students are very excited to be at new practice site(s) to learn and demonstrate/shape their competencies.

Dr Manjunath has completed his DM in Clinical Pharmacology & Therapeutics from Nizam’s Institute of Medical Sciences, Hyderabad, Telangana, India, in 2013. Since then, he has been in ACTREC, involved in conducting Clinical Trials – phase 1 clinical trials, bioequivalence trials, quality of life questionnaire development studies. He has handled multiple intramural trials which involved mostly the Pharmacokinetics of the anticancer drugs. Under his guidance many students were trained in clinical research and have completed the dissertation required for their post-graduation.

Dr Manjunath started his presentation on *Novel tool for the assessment of Adverse Drug Events; Development and Validation of a modified Naranjo’s Scale (SNG) for better causality assessments of ADRs and AEs*. Dr Manjunath then highlighted the myths and facts in the reporting of ADR and where the current scenario lacks in ADR reporting system. Followed which Dr Manjunath highlighted about various causality assessment scales that are currently being in use and what are the qualitative measures that are followed for the same. Dr Manjunath then explained about

the existing Naranjo's Causality Assessment scale and also about the scoring of causality assessment of the drugs. Eventually, Dr Manjunath explained about the modified version of *Naranjo's Scale (SNG) for better causality assessments of ADRs and AEs*; the scale which Dr Manjunath and his team had worked on. The modified SNG scale was found to rule out better causality assessments than the standard Naranjo's causality assessment scale.

Dr Manjunath then also explained about the validation process of the modified SNG scale and its application in cancer patients who faced severe ADRs and AE following chemotherapy.

The session was then concluded by Dr Manjunath by taking questions from staff and students. More than 80 students and staff were fruitfully benefited with this invited virtual guest lecture.



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manjunath nookala krishnamurthy is presenting

Naranjo question no.	Question	Response	Scoring	Changes recommended in current scoring
2	Did the adverse event appear after the suspected drug was administered?	YES	+2	+1
		NO	-1	-1
		Do Not Know	0	0
3	Did the adverse event improve when the drug was discontinued or a specific antagonist was administered? OR In case of chemotherapy administered cyclically, did the adverse event improve before the next dose (with or without causing a delay in administering the dose)?	YES	+1	+2
		NO	0	-1
		Do Not Know	0	0
4	Did the adverse event reappear when the drug was re-administered?	YES	+2	+2
		NO	-1	-2
		Do Not Know	0	0
5	Are there alternative causes that could, on their own, have caused the reaction? a) Case reports/ Cohort study/ Expertise b) RCT (large/ small)	YES	-1	-1 / -2
		NO	+2	+1
		Do Not Know	0	0
7	Was the drug detected in blood or other fluids in concentrations known to be toxic?	YES	+1	+2
		NO	0	-1
		Do Not Know	0	0

Hetakshi Shah can now join this meeting

4:21 PM | IPL 2023 - Lecture 1 Dr Manjunath ACTREC

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4:37 PM | IPL 2023 - Lecture 1 Dr Manjunath ACTREC

Participants:

- manjunath nook...
- Naghul Adhithya K S
- hari krishna
- Vishwas HN
- deepa pharmacy
- SYED MOHAMM...
- Shivani Vinod
- Arun KP
- Rithanya Ya
- sabari akilesh
- Amirtha Pradeep
- Hamritha Seetha...
- Harshini Srinivas...
- Sidhartha Thiru...
- Karthika Sakthi
- Shanmuga Priyan
- PREAM CHAND ...
- Shriya Prakash
- Shruti Iyer
- Priyanka Ananth...
- Divya Arthi
- Anusha Jaishank...
- Salman S
- Raksana Sivaku...
- Shawn Lopes
- Darshan M
- Nithya Shree
- Naveena Rajan
- Rejetha Shri
- Thusita Subrama...
- 17 others
- You