

August 11, 2017

To

The Principal  
JSS College of Pharmacy  
Ootacamund-643 001

Respected Sir,

Sub: Submission of Report of 5<sup>th</sup> Continuous Pharmacotherapy Education (CPE) Programme held at JSS College of Pharmacy, Ooty on 5<sup>th</sup> August 2017

With reference to above subject, we hereby submit the report of 5<sup>th</sup> Continuous Pharmacotherapy Education (CPE) Programme on “Neurology & Clinical Pharmacist” held at Seminar Hall, JSS College of Pharmacy, Ooty on 5<sup>th</sup> August 2017. We shall thank your good self for given this opportunity to organize the 5<sup>th</sup> CPE Programme at our esteemed institution.

Thanking You

Sincerely

Dr. A. Justin  
Coordinator-CPE

Dr. S. Ponnusankar  
Convener-CPE

*Encl:*

1. 5<sup>th</sup> CPE Programme Report

## **Report of 5<sup>th</sup> Continuous Pharmacotherapy Education (CPE) Programme on “Neurology & Clinical Pharmacist”**

**Organized by:** Dept. of Pharmacy Practice & Dept. of Pharmacology  
JSS College of Pharmacy, Ooty

**Venue:** Seminar Hall, JSS College of Pharmacy, Ooty

**Date:** Saturday, 5<sup>th</sup> August 2017

**Speaker:** Dr. V. Arul Selvan, Neurologist, KMCH Hospitals, Coimbatore

In continuation of centenary celebrations of His Holiness Jagadguru Dr. Sri Shivarathri Rajendra Maha Swamiji, Sri Suttur Math, Mysuru, The fifth Continuous Pharmacotherapy Education (CPE) Programme on “**Neurology and Clinical Pharmacist**” was organized on 5<sup>th</sup> August 2017 during 11.00 am to 1.00pm at Seminar hall, JSS College of Pharmacy, Ooty. The CPE programme was jointly organized by Dept. of Pharmacy Practice and Pharmacology. Dr. V. Arul Selvan, Neurologist, KMCH Hospitals, Coimbatore was invited for this programme to deliver the lecture on “Neurology and Clinical Pharmacist”. Totally 100 participants from IV, V & VI Pharm.D, M.Pharm (Pharmacy Practice and Pharmacology) specializations were participated in this CPE programme. Dr. S.P. Dhanabal, Principal, JSS College of Pharmacy, Ooty has welcomed and introduced the speaker and Dr. K. Elango, Head, Dept. of Pharmacology, was honored the speaker with Shawl followed by Dr. Arul Selvan was requested to deliver the valuable lecture

Dr. Arul Selvan has emphasized about the types of clinical neurological disorders and its causes, risk factors and pathogenesis. Also he has outlined about the current epidemiological status of neurological disorders like epilepsy, stroke, Alzheimer’s and Parkinsonism disorders. Dr. Arul Selvan explained the scope of clinical pharmacist on neurological patient care management, current practice of clinical pharmacist at KMCH Hospitals, Coimbatore. Moreover, he connotes about the expectations of clinical neurologist from clinical pharmacist in neurological care

sectors. He noticeably denoted the need of clinical pharmacist in neurological sector and highlighted on clinical pharmacist importance in neurology care team and significant monitoring of adverse drug reactions and medication errors and drug errors. In his lecture he has covered three important diseases associated in clinical neurology like epilepsy, stroke and Parkinsonism disease, also he described the specific role of clinical pharmacist in each disease conditions.

The first disease Epilepsy, he discussed about the classification of different types of clinical epilepsy, diagnosis methods of different types of epilepsy, current status of epilepsy in national and internationally. Interestingly he has displayed some videos about the stages of epilepsy manifestations and first aid methods to control the seizures in patients. There was a discussion about the current treatment protocol for epilepsy, various drugs available for epileptic treatment, choice of drug for particular type of epilepsy. Dr. V. Arul Selvan described about the co-morbidities associated with epilepsy and ways to control the convulsions induced injury in the epileptic patients.

The second disease, he has focused on Parkinson's disease (PD) which includes terminologies, epidemiological status, etiology and pathogenesis of PD. He has showed videos of the few cases related to diagnosis, onset of PD in his clinic. He has elaborated on current therapeutic agents for PD and drug induced PD symptoms in psychiatric patients. Adjustment of dosage, life style modifications, failures of stem cell therapy and importance of physiotherapy in PD were highlighted in his presentation. Importantly, he explained about the surgeries for intractable epilepsies, movement disorder surgeries with deep brain stimulation for Parkinson's disease and dystonia, notably he was the first neurologist in Coimbatore who established advanced surgical treatment in the treatment of neurological disorders.

The third disease stroke, he emphasized about types of stroke, risk factors, pre-symptoms of stroke, pathogenesis and molecular events of stroke. Fascinatingly, the importance of time duration to treat the stroke patients after onset of stroke and the detrimental effect of delayed treatment after stroke attack also clearly demonstrated by Dr. Arul Selvan and he discussed about the prevention of secondary stroke in the stroke patients by medication adherence, life style management and regular physiotherapy management. He mainly focused on importance of clinical pharmacist role in the infusion of thrombolytic agents to stroke patients, care to be taken after treatment until the discharge chart preparation including patient counseling.

Dr. Arul Selvan has delivered the education methods to clinical pharmacist especially in drug interaction, ADR monitoring and prescription error monitoring in neurological disease management. The interaction of clinical pharmacist with in-patient related to improve post-discharge medication adherence, reduces adverse drug reactions and medication errors, medication-related transitions, shorten hospital length of stay, evaluate medication protocols,

guidelines and medication education for patients and health care practitioners were clearly elaborated by him. He also highlighted the activities carried out by clinical pharmacist in KMCH Hospitals with respect to disease state management, ADR prevention and intervention, therapeutic drug monitoring (e.g. Phenytoin), dose adjustments based on renal function, hepatic function, and potential drug interactions. Finally he shared the experiences with clinical pharmacist in United Kingdom (UK) while he undergone the training of MRCP at European hospitals. Followed by his session, there was a brain storming interactive session with our students with Dr. Arul Selvan in the field of clinical neurology. In the end of the CPE, Dr. A. Justin, Assistant Professor has given the vote of thanks.

Dr. A. Justin  
Coordinator-CPE

Dr. S. Ponnusankar  
Convener-CPE

# 5<sup>th</sup> CPE Programme on “Neurology & Clinical Pharmacist”



## Press Notes

**Dinamalar, 11.08.2017**



**Makkal Kural, 10.08.2017**



**Amma Arasu, 08.08.2017**

**3 08.08.2017**

### மாணவ மாணவிகளுக்கான ஒரு நாள் கருத்தரங்கம்



நீலகிரி மாவட்டம் ஊட்டி ஜெ.எஸ்.எஸ் பார்மசி கல்லூரியில் மாணவ மாணவிகளுக்கான ஒரு நாள் கருத்தரங்கம் நடைபெற்றது.  
 நரம்பியல் துறையின் சிகிச்சையில் மருந்தாளுனர்களின் பங்கு என்ற தலைப்பில் நடைபெற்ற கருத்தரங்கில், மருத்துவர் டாக்டர் அருட்செல்வம் விளக்க உரையாற்றினார்.....  
 ஜெ.எஸ்.எஸ் கல்லூரி முதல்வர் டாக்டர் எஸ்.பி.தனபால் தலைமையில் நடைபெற்ற கருத்தரங்கில் கருத்தரங்கு செயலாளர் டாக்டர் ஜஸ்டின் வரவேற்று பேசினார்.முனைவர்கள் இளங்கோ, பொன்னுசங்கர், அருண், ராஜா. தீபாலட்சுமி உள்ளிட்டோர் உரையாற்றினர்.