

ACADEMIC ACTIVITIES

SYMPOSIUM ON DIABETIC FOOT UPDATE

College of Physiotherapy, Sumandeep Vidyapeeth organized a Symposium on **Diabetic Foot Update** on 29th March 2014 at Medical College Auditorium at Pipariya, Waghodia, Vadodara.

India soon said to become the World capital for Diabetes. Treatment Costs for diabetes foot infection are very high. This symposium emphasized the importance of multi disciplinary team approach in preventing and managing the diabetic foot complications.



Air Commodore (Dr) G D Mehta, Hon Chancellor, SVU, presided over the function and asked delegates to take full advantage of speakers who shared their expertise.

Dr J R Patel, Hon. Vice Chancellor, SVU and Shri N N Shah, Registrar, SVU, Dr G V Shah, Dearn, SBKS Medical college were also present in the inaugural function.

The program began at 10.15 am. Prof Lata D Parmar, Principal, College of Physiotherapy, welcomed all the dignitaries and resource persons of the symposium.

Dr Arun Bal, M.S., Ph.D., a renowned Consultant & Diabetic Foot surgeon in various premier hospitals of Mumbai like Raheja Hospital, Hinduja Hospital and Nanavati Hospital who is also the Founder President of Diabetic Foot Society of India was one of the resource person of this symposium who said that Early detection & protection of high pressure areas in the foot & corrective footwear is the only strategy to prevent loss of limb in diabetes. He said deformed foot with good footwear is preferable to amputated leg with sophisticated prosthesis and asked the participants to try **to save the foot** of a diabetic patient **do not amputate.**



Dr Rajani Mullerpatan, M.Sc. (PT), Ph.D (Cardiff University, UK), Professor & Director, College of Physiotherapy of MGM University, Navi Mumbai spoke about the latest diagnostic procedures for Diabetic foot and management considerations for problems like reduction in Balance, Strength and walking speed.





Dr Jyoti Mannari, M.D. Professor & HOD, Dept of Medicine, Pramukhswami Medical College & Shree Krishna Hospital, Karamsad emphasized on simple methods of clinical examination essential to prevent complications of Diabetic foot.

Dr Veerendra Shandliya, an American board certified Prosthetist & Orthotist, who spoke on this occasion spoke about the foot wears, foot wear modifications and specialty foot wear that can help a Diabetic foot patient.

Dr. Mansukh Shah, President, Sumandeep Vidyapeeth, Dr Dixit Shah, Managing Trustee of Sumandeep were instrumental in organizing this symposium and gave total support to make this program successful.

Participants from various Physiotherapy colleges of Gujarat participated in the symposium and benefitted from the speeches delivered by eminent speakers.



Video Conference on Pedography for Early Recognition of the Diabetic Foot Syndrome and Therapy Assessment

On 21st March 2014, College of Physiotherapy organized a novel video conferencing academic program, Pedography for Early Recognition of the Diabetic Foot Syndrome and Therapy Assessment. This program served as a predecessor to the forthcoming CPE program, Diabetic foot update.

This program was held also as SBKSMI&RC's Professional development program which is held on every Friday afternoon.

Many medical faculty were present in this learning program which included Dr Lakhani, HOD, Dept of Medicine, Dr Col V P Singh and Dr Sagun Desai, Prof. Dept of Pharmacology, SBKSMI&RC

Dr. Axel Kalpen, Novel Biomechanics Lab, Munich, Germany was the guest speaker who delivered his lecture from Munich, Germany. The topic was Pedography for Early Recognition of the Diabetic Foot Syndrome and Therapy Assessment.

He talked about force and pressure in foot, how body mass determines force and local pressure in a foot and how Pedography will be helpful in diagnosing foot pressure changes in normal as well as patients who have sensory disturbances/loss in foot. The lecture extended over one hour and fifteen minutes. At the end of the lecture Dr Axel answered questions from the audience that included Dr Lakhani and Dr Sagun Desai.

All the faculty from medical college, Dental, Nursing were impressed with the presentation and congratulated Prof. & Principal, Dr Lata Parmar for successfully organizing such an educative and informative program.

The whole session was recorded in video with prior permissions and was used for the Diabetic Foot Update symposium. Prof Dr Kumar and Dr Anjum arranged the technical aspects for the video conferencing.

Visit to Bionic Rehab, Vadodara, 25th April 2014

The College of Physiotherapy had arranged a visit on 25/04/2014 for final year BPT students to Bionic Rehab – Rehab centre of Dr Virendra Shandilya, a visiting faculty of our college. It was organized to provide better understanding to our students about fabrication of various orthosis & prosthesis and prescription of it, which are part of the curriculum. The details of the visit are as below:

An approval from the Registrar regarding the visit was taken on 19th April'2014, and the arrangements were made. The list of the orthosis and prosthesis that needs to be demonstrated, was prepared by class co-ordinator and subject in charge, and was approved by the Principal. A mini bus was arranged by Sumandeep Vidyapeeth Transport in charge to take the students to the rehab centre. Some students who live in Vadodara preferred self transportation to the rehab centre.



Final year BPT (29) students accompanied with Dr Megha Mehta (class coordinator) visited the centre. The session was interactive in nature. Mr Keyur Mehta who is orthotist and prosthetist at the center, demonstrated various orthosis and prosthesis and its mechanism to the students. The class coordinator also discussed various indication and uses of each orthosis and prosthesis with the students.

Small practical session was carried out where students applied orthosis to each other after the technique of application was demonstrated. Fabrication of de Quervain splint was demonstrated. Students also attempted to make such splint from thermo plastic. A small practical session of observational gait analysis was done on a patient walking in parallel bar. At last donning and doffing of transtibial prosthesis on a patient was demonstrated to the students.

Throughout the session, students asked questions which were satisfied by the demonstrator and class coordinator. The session ended at 3:40 pm. The students residing in hostel returned to campus in college bus. Those who live in Vadodara left the place at 3:45 pm.



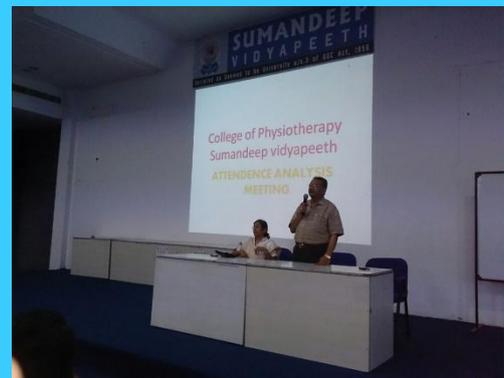
Attendance Analysis Meeting, 22nd April 2014

College Of Physiotherapy arranged a Meeting on Attendance Analysis with all the BPT students (280 students –approx) in the presence of Registrar Mr. N. N. Shah on 22nd April 2014 from 3:00 pm to 4:00 pm at Auditorium, SBKS Medical College, Sumandeep Vidyapeeth. All the under graduate students (280 students – approx) attended the meeting. Agenda of meeting was to make the students aware about importance of attendance & give instruction of consequence of less attendance to the students.



All the U.G class Co-ordinators presented the names of the students who have subject wise projected attendance which was less than sufficient to appear for university exams (Projected attendance : Considering students are present in all lectures from March to June). Class co-ordinators short listed the candidates name who have attendance $\leq 75\%$, $\leq 70\%$ and $\leq 65\%$.

Registrar sir announced that, the students who are not meeting the eligibility criteria to appear for university examination will not be allowed to fill the university exam form. As per regulations the eligibility criteria are “**A minimum 75% of Attendance in each subject & 35% of marks in the internal exam is required as an eligibility to appear in the university exam.**” Registrar Sir also mentioned that any leave due to genuine reasons shall be considered, but students should have 75% of attendance in each subject.





The principal madam explained the importance of attendance, punctuality and discipline. Madam mentioned that those students whose names are not in the present report may fall into this category if they will not come regularly.

Principal madam also explained eligibility criteria to appear for university examination and instructed the students to be present from now onwards. She also mentioned that compare to last year attendance has improved in all four year of BPT.

The meeting ended after the students were given a chance to clear their doubts, queries if any was there.

PG academic activity details

During the January – April 2014 period PG students conducted many academic activities that are listed in the table below.

Activity	PG 1	PG 2
Seminars	30	24
Journal presentations	3	18
Case presentations	0	31

Submission of Research Synopsis:

MPT First year students synopsis (Total 16) sent for ethical approval to Human Research Ethics Committee on 31st January, and ethical approval was obtained on 6th February.

Workshop on Research Methodology:

All the PG students participated in the Workshop on research methodology and Biostatistical analysis, organized by school of management on 23rd – 25th January.

Supplementary exam for PG

Six candidates appeared in the University Supplementary exams held in March 2014 the results for the above the exams were declared by University in the month of April 2014.

4 students passed the supplementary exams and 2 were not successful and out of these 2 students one of the student belonged to earlier batch (2011-12 batch). The pass percentage was 67% and 33% were failures.

Ph. D activities

Results for the Pre Ph. D. examinations which were held on December 2013 were declared on January month of this year and both two students, Dr Neha Mukkamala and Dr Niketa Patel have successfully passed the examinations.