

RENAISSANCE

NEWS LETTER OF COLLEGE OF PHYSIOTHERAPY



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College of Physiotherapy
Sumandeep Vidyapeeth

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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.

RESEARCH

HRRP report

HRRP was conducted in the month of January 2014 for reviewing the synopsis for the Post Graduate batch of 2013-2014. There were sixteen students in total whose synopsis had to be reviewed from the 10th of January to the 17th of January by the HRRP members.

The synopsis was submitted to SVIEC for its approval on the 31st of January and the dissertation projects were started after the approval was received on the 6th of February. Out of the sixteen, three students, Vrunda, Dhruval and Mansi faced some problems with their study due to non availability of subjects so another HRRP was organized on the 15th of April for their synopsis presentation. The same was submitted to SVIEC on the 17th of April and the approval is still awaited.

Interns project presentations

COLLEGE OF PHYSIOTHERAPY

SUMANDEEP VIDYAPEETH

SCHEDULE OF INTERNS PROJECT WORK (2013-14)

SR.NO	DATE	INTERNS NAME	TOPIC	GUIDE
1	3/3/2014	NIYATI , ZALAK , DHARINI ,MEHUL	ROLE OF INCENTIVE SPIROMETRY IN LUNG EXPANSION IN ABDOMINAL SURGERY	DR.TEJAS
2	3/6/2014	VINI, RUCHIKA , ISHITA	ROLE OF PHYSIOTHERAPY IN THE PATIENTS OF CERVICAL SPONDYLOSIS	DR.PALAK
3	3/6/2014	BHUMI, REEMA, PAYAL	ROLE OF PHYSIOTHERAPY IN THE PATIENTS OF OSTEOARTHRITIS KNEE	DR.TANVI

4	3/7/2014	REETI,MANJU , MONAL ,RICHA	ROLE OF CONVENTIONAL CHEST PHYSIOTHERAPY ON ABDOMINAL SURGERY PATIENTS	DR.ANJUM
5	3/7/2014	TEJASVA, MAITRI, DHRUTI	ROLE OF PHYSIOTHERAPY IN CERVICAL SPONDYLOSIS	DR.KALPESH
6	3/11/2014	RUTU,SHEETAL , KESHVI , YAMI	ROLE OF PHYSIOTHERAPY IN OSTEOARTHRITIS KNEE	DR.MEGHA
7	3/12/2014	CHANDANI, KRUTI , KHUSHBU,KRINA	EFFECT OF SWD IN ADDITION TO EXERCISES IN INDIVIDUALS WITH NON SPECIFIC LOW BACK PAIN	DR.NIRAJ
8	3/12/2014	SHRADDHA ,GURPREET , FORAM	ROLE OF THERAPEUTIC US & STRENGTHENING EX'S ON PAIN AND FUNCTIONAL STATUS IN PATIENT WITH OA KNEE	DR.ROSHNI
9	3/13/2014	PUNITA ,EKTA V , SNEHA,NENSI	ROLE OF CONVENTIONAL TREATMENT ON SHOULDER RANGE OF MOTION IN ADHESIVE CAPSULITIS	DR.MANSI
10	3/13/2014	RICHI,EKTA P,KANAN , NISHA	EFFECT OF PHYSIOTHERAPY IN KNEE OSTEOARTHRITIS	DR.NEHA
11	3/14/2014	MILI,MANALI , JUHI,PALAV	ROLE OF MOIST PACK & US FOR PAIN RELIEF IN SHOULDER	DR.KUNDAN

12	3/18/2014	JANKI,HIMANI,RIYA	ROLE OF PHYSIOTHERAPY IN ABDOMINAL SURGERY	DR.ARPITA
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Report of Library Work

Updated list of books and PG dissertation available in Physiotherapy College Library on 22nd January 2014. Total 125 books and 30 PG dissertations are there in College Library and Total 581 books are there in Physiotherapy department of Central Library.

Details of students and staff were sent for registration in Central Library on 14th Feb 2014.

Library orientation program was organized for all teaching staff, PGs, UGS from 3rd March to 12th March 2014 with the help of LRC faculty.

The schedule of orientation program was as below:

Date	Day	Time	Staff Name	Students Batch
3/3/14	Monday	11:30 to 12:30	Dr Lata Parmar Dr Palani Kumar	PG 1 st Yr and PG 2 nd Yr
		3:00 to 4:00	Palak Mistry	2 nd BPT (Roll No 1 to 40)
4/3/14	Tuesday	11:00 to 12:00	Megha Mehta Kalpesh Satani	Final Year BPT
5/3/14	Wednesday	11:00 to 12:00	Tejas Chokshi Krishakant Raval	3 rd BPT (Roll No 1 to 35)
		3:00 to 4:00	Neha Mukkamala Kundan Singh	2 nd BPT(Roll No 81 to 125)
6/3/14	Thursday	11:00 to 12:00	Anjum Siddiqui	2 nd BPT (Roll No 41 to 80)
7/3/14	Friday	11:00 to 12:00	Tanvi Dalvi Mansi Shah	3 rd BPT(Roll No 36 to 63)
		2:00 to 3:00	Niraj Karamchandani	1 st BPT (Roll No 1 to 40)

10/3/14	Monday	3:00 to 4:00	Arpita Jingar	1 st BPT(Roll No 41 to 80)
12/3/14	Wednesday	3:00 to 4:00	Roshani Chokshi	1 st BPT (Roll No 81 to 136)

Book exhibition was held in LRC from 11th to 14th March, 2014. Physiotherapy College recommended the following books for purchase.

List of books:

1. Handbook of exercise in diatebes(ADA)
2. Fundamentals of hand therapy – Cooper
3. Myofascial trigger point – Dominex
4. Maitland (New Edition)
5. Daniels (New Edition)
6. Physical therapy for children by Suzan Campbell
7. Cardiovascular and respiratory physiotherapy– Mandy smith

College of Physiotherapy also recommended following books in view of forthcoming PG exams, to be purchased as reference copies.

1. Neurodevelopmental treatment – approach by jenette howle
2. Vestibular rehabilitation - Crutchfield
3. Pathophysiology of motor control – Friedrich's
4. Biomechanics- Neuman
5. Common musculoskeletal problems – Kessler Randolph, darling hertling
6. Essentials of Cardiopulmonary physical therapy. Ellen Hillegas.
7. Textbook of Cardiac rehabilitation - S Pollock
8. Cardiopulmonary Physical Therapy – Scott Irwin
9. Physical Therapy - Saunders
10. Orthopaedic rehabilitation- Stanely hoppenfield
11. Orthopaedic rehabilitation- Brotzman

EVENTS

Farewell Function for Interns 2013

College Of Physiotherapy organized **Farewell Function of 2009- BPT Batch** on 13th March 2014 from 1:00 pm to 5:00 pm at College of Physiotherapy, Sumandeep Vidyapeeth. Final year & 3rd Year BPT Students participated in the function. Registrar, Mr N N Shah, was invited as chief guest and he graced the occasion with his presence.



Dr. Krishnakant, Intern Incharge, explained to the dignitaries about the activities done during internship. Principal Prof Lata D Parmar, gave a motivational speech about the importance of being a physiotherapist and their valuable contribution in patient care.



N N Shah, Registrar congratulated interns for their successful completion of internship and wished all the students a bright future. He distributed the mementoes to all the interns.

Following this few indoor games were held as an informal activity and interns shared their experiences as a student in this college.

Refreshment was served to all the participants of the program.



International women's Day – 8th March 2014

College of Physiotherapy, SUV celebrated International women's Day on March 8, Saturday with full fervor. Final year BPT students put up posters emphasizing the importance of women & equality of women in the contemporary era within college premises & showed their talent in arts.



To commemorate the occasion College of physiotherapy also organized an intra college program “Awareness Of Women's

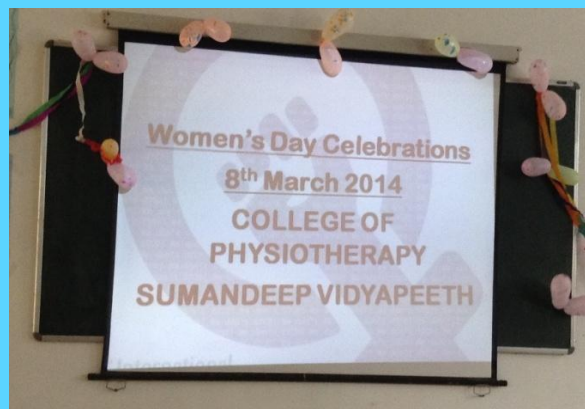


Day & Women's Empowerment” on the same day between 12:00 – 1:00 pm. At the beginning First year Master of physiotherapy student, Dr Preksha Nagar spoke about the role & importance of women in the contemporary world.

Final year Master of physiotherapy student Dr Devanshi enlightened the audience about women empowerment, in which she spoke about literacy rate, health ratio & necessity of involving women in improving their status.



Dr. Megha Mehta, Assistant professor also talked on role of women in current era in different field, viz Sports, politics, Corporate world, IT sectors, Health sectors & armed force. Program ended with a speech by Dr. Kumar, Professor spoke about the significance of education and skill training in empowering women and asked the female students to do their best in learning which would empower them.



Thalassemia Camp, 22nd April 2014

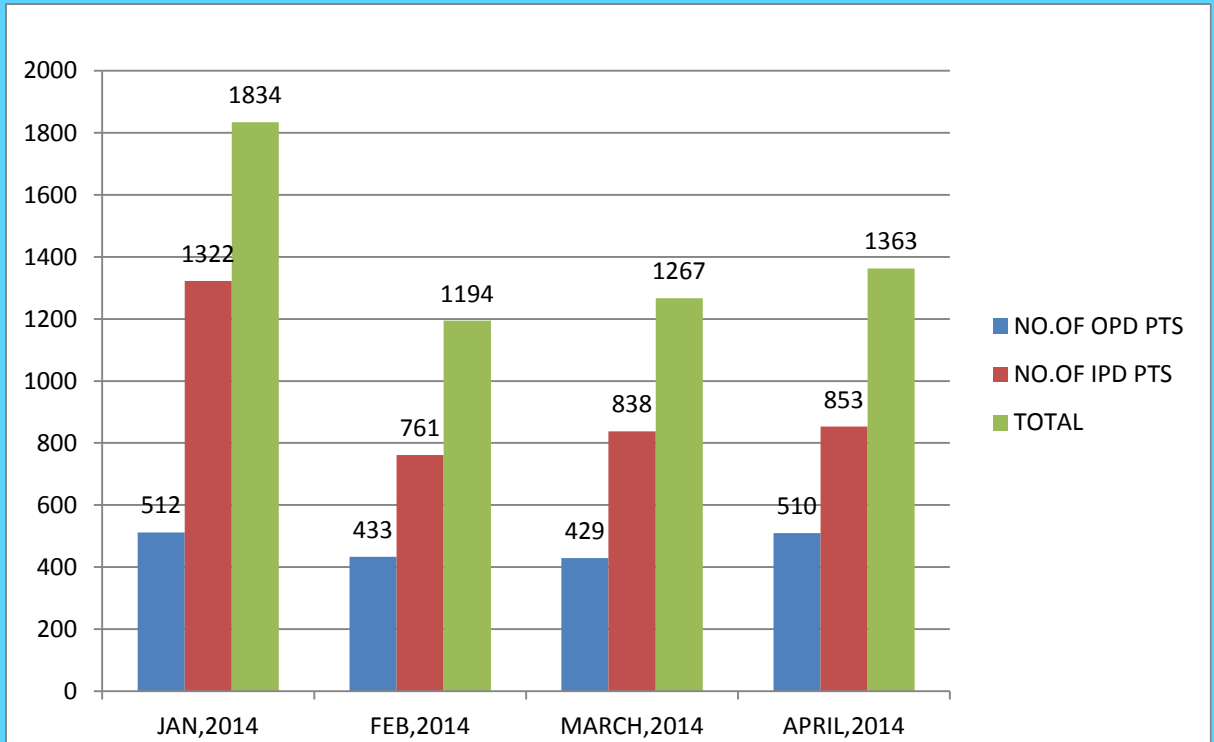
College Of Physiotherapy in association with INDIAN RED CROSS SOCIETY has organized “Thalassemia Camp” on 22nd April 2014 from 10:30 am to 12:00 am at College Of physiotherapy, Sumandeep Vidyapeeth. All the Students of BPT & MPT were encouraged and asked to participate for the same.



Camp started around 10:30 am and Volunteers from Indian Red Cross Society, Ahmadabad counseled the participants and collected their blood sample.

Total 19 students and 3 staff members participated in the camp. A fortnight later the reports were collected and given to the participants.

Patient Care



Census of Physiotherapy OPD, Dhiraj Hospital for the Months of January, February, March, April 2014.

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