**Dr. SALONI NITIN RAJE (PT)**
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**SALONI RAJE ,MPTh , C/NDT**

I am a physical therapist and Certified Neurodevelopmental Therapist whose primary emphasis is on neurological rehabilitation in adult and paediatric populations. My aims are to work with due deference to evidence based treatment options to improve the Quality of Life of patients. To contribute to research, which will define future advances in physical therapy practice especially advances in improving ambulation and community participation in neurologically impaired individuals. To work towards increasing the awareness of physical therapy and advocate for the rights of physical therapy professionals and their patients. I was the lead co-ordinator for the World Cerebral Palsy Day Celebrations to emphasis the “ Barriers to Access for the Differently Abled “. I currently work in a specialized multidisciplinary practice with Dr. Vinaya Chitale – Chakradeo,Ear Nose Thorat And Head Neck Surgeon (USA), an American Board certified Otolaryngologist for diagnosis and treatment of vertigo and postural control disorders . I look forward to my association with you and your organisation in the future ahead.

**SKILLS**

* Possess advanced skills for treatment of adult and paediatric neurological disorders including acute care stroke and brain injury and early intervention treatment in **developmentally delayed paediatric population**.

**Certified Neurodevelopmental Therapist for Management of Adults with Stroke and Brain Injury**,

* Possess advanced skills in **Vestibular Rehabilitation Therapy** with great success in treating **Benign Paroxysmal Positional Vertigo, Vestibular Hypo function and Vestibular Cerebellar** disorders associated with balance loss and dizziness.
* Possess advanced skills in treating **Cervicogenic Dizziness.**
* Possess advanced skills for **research based database creation and research manuscript writing.**

**WORK EXPERIENCE**

***chitale Hospital for Ear Nose Thorat and Head neck Surgery Pune, India***

***Balance and Dizziness LAB***

***Head Clinical Neuro Physiotherapist***  *March’15 to Current Date*

* Working as two part team with Dr. Vinaya Chitale – Chakradeo,Ear Nose Thorat And Head Neck Surgeon (USA), an American Board certified Otolaryngologist.
* In charge of **diagnosis with differentials** ,**treatment development** and **modification**, **balance and fall prevention training** for patients with vestibular disorders and cervicogenic dizziness.

***Sancheti Institute for orthopedics and rehabilitation Pune, India***

***Physiotherapy department***

***Clinical Therapist (*** *Senior Physical Therapist) October’14 to Dec ‘15*

* Heading the Pediatric Physiotherapy Department.
* Working with patients with stroke , traumatic brain injury , central and peripheral vestibular disorders , developmental delay, hypoxic- ischemic encepholopathy , cerebral palsy and neurogenic pain.
* In charge of **treatment development** and **modification**, **transfers,** **patient safety** , **fall prevention** , **communication**, **documentation** and **delegation**.

***MGH Institute of Health Professions BOSTON,MA,USA***

***PT Center for Clinical Education and Health PromotioN***

***Graduate Intern*** *(Physical therapist Masters’ Student) 2 graduate semesters 2012-2014’ ( 6 months)*

* Worked with patients with stroke , traumatic brain injury , central vestibular disorders and developmental delay.
* Was in charge of **treatment development** and **modification**, **transfers,** **patient safety** , **fall prevention** , **communication**, **documentation** and **delegation**.
* Successfully designed and executed treatment based on evidence based treatment parameters and evaluated prognosis on validated and reliable outcome measures.
* Have a good hold over gait training, balance training, vestibular rehabilitation, functional training and fall prevention in neurologically impaired individuals.
* Was awarded the **Marjorie K. Ionta Award for Clinical Excellence,** which is awarded to a singular student who demonstrates growth and a consistent, excellent performance coupled with outstanding humanistic qualities as a clinician.

***CENTER FOR CONNECTED HEALTH, PARTNERS HEALTHCARE BOSTON, MA, USA***

***Research Assistant*** *( Tele-rehabilitation research) June’13 to May ‘14 ( 11 months)*

* Successfully completed research studies involving telerehabilitation technology for home exercise program for knee injury and for evaluating sleep apnea.
* Actively involved with various stages of **literature review, study development, recruitment , enrollment , informed consent , subject retention , trouble shooting , data analysis** and **manuscript writing .**
* Have a good hold over data collection, documentation using electronic data capture programs like **Redcap** and data analysis using various software programs.
* The study **"Feasibility of using a Tele-monitoring Rehabilitation System at Home for Patients with Knee Diagnoses"**– is currently under review for acceptance at the **APTA Combined Sections 2015**.

***DR. (MRS) ASHA M CHITNIS PEADIATRIC******CLINIC***  ***MUMBAI, INDIA***

***Paediatric and Neurological Rehabilitation Physical Therapist*** *Feb’11 to May ‘12 ( 1 year 2 months)*

* Worked with Senior Paediatric Physical Therapist Dr. Asha M Chitnis .NDT (PEADS) USA.
* **Was in charge of Assessment and Treatment** with a focus on goal oriented, evidence based treatment models for improving functional performance and quality of life of patients with **Cerebral Palsy, Pervasive Developmental Disorders, a wide spectrum of Congenital and Metabolic disorders and syndromes and Learning disabilities.**
* Treated patients from **age 7 months onwards** having developmental delay showing both motor and sensory dysfunction and Sensory Processing Disorders.
* Treated patients following orthopaedic interventions like Botulinum Toxin Injections, Multilevel correction surgeries and surgeries for contracture release.
* Responsible for assessment and treatment of an average of **8 patients per day**.
* Good hold over **Neuro-developmental Treatment Approach** and **Sensory Integration Techniques.**

***NIVARA OLD AGE HOME, TEAM PHYSIOTHERAPY PUNE, INDIA***

***Junior Physical Therapist*** *Aug’10 to Nov’10 ( 3 months)*

* Assisted in treatment of patients with stroke; acute and chronic musculoskeletal ailments.

***Internship Training*** *(Physical therapist Bachelors’ Student) Sept’ 09 to March ’09 ( 6 months)*

***KAMLA NEHRU HOSPITAL PUNE, INDIA***

* Managedboth **Out-patient and In-patient** physical therapy departments**.**
* **Led a team of 20Under-graduate students.**
* In Charge of documentation of patient records and department finances**.**

***SANCHETI ORTHOPEDIC AND REHABILITATION HOSPITAL PUNE, INDIA***

* Gained significant experience in treating patients with Cerebral Palsy and congenital musculo-skeletal deformities.
* Completed successfully training in rehabilitation of patients following Spinal Injury**.**

***SASSOON GOVERNMENT HOSPITAL PUNE, INDIA***

* Gained significant experience in treating of patients in the **Intensive Care Unit** in rehabilitation of patients post cardio-vascular surgery and with chronic respiratory conditions.

***INLAKS AND BUDHRANI HOSPITAL PUNE, INDIA***

* Completed successfully training **in Cardiac Intensive Care Unit.**

**GRADUATE AND POST-GRADUATE EDUCATION**

***2012 -2014| Massachusetts General Hospital Institute of Health Professions | Boston, MA |***

***Masters’ of Physical Therapy( emphasis on neurorehabilitation)***

*Average* ***GPA: 3.88. ( Graduated at the head of the class)***

**Research undertaken** : Was awarded the **Mary Mankin Prize** awarded to the student with an **outstanding master's thesis .**

1. Systematic Review: Effectivesness of Non surgical and non pharamacological interventions in Cervical Dystonia.

( Poster Presented at 18th **International Congress of Parkinson's disease and Movement** **Disorders** , Sweden, June 2014)

* This study is currently under review for acceptance at the **APTA Combined Sections 2015**.
* This study is currently under review for acceptance to publish in peer-reviewed journals.
1. Systematic Review: Effectivesness of Non surgical and non pharamacological interventions in Limb Dystonia.
* Currently ongoing study.

***2005 -2010| Sancheti Institute’s College of Physiotherapy | Maharashtra University of Health Sciences | Pune, India | Bachelors’ of Physical Therapy***

Average **GPA: 3.96.**

**Research undertaken** :

1. Co-relation of Knee kinematics in Gait with Tardieu Score and with Popliteal Angle Range in Children with Spastic Cerebral palsy.

( Paper presented at **Annual Conference of Indian Association of Physiotherapists ,**India,Jan 2010)

1. To co-relate Exercise participation and Health Related Quality Of Life in Post-menopausal population.

**SCIENTIFIC PUBLICATIONS**

1. Callahan J, Beninato M, **Raje S**, Shrotri S. “**Non-surgical, non-pharmacological interventions for cervical and extremity dystonia: A systematic review**. Proceedings of the International Parkinson and Movement Disorders Society Annual Congress. Stockholm, Sweden. June 2014
2. Callahan J, Beninato M, **Raje S,** Shrotri S. **“Non-surgical, non-pharmacological interventions for cervical and extremity dystonia: A systematic review. Physiotherapy Practice and Research** 36 (2015) 1–14 .DOI 10.3233/PPR-140050

**ACHIEVEMENTS**

* Was **awarded** two of the three annual honors: the **Marjorie K. Ionta Award for Clinical Excellence** andthe **Mary Mankin Prize** for **outstanding master's thesis** for graduate students completing Master’s in Physical Therapy at the Massachusetts General Hospital Institute of Health Professions in May 2014.
* Was **accepted** to present the poster “Systematic Review: Effectivesness of Non surgical and non pharamacological interventions in Cervical Dystonia” at the 18th **International Congress of Parkinson's disease and Movement** **Disorders** , Sweden, June 2014.
* Was part of the team that **presented** the paper“Co-relation of Knee kinematics in Gait with Tardieu Score and with Popliteal Angle Range in Children with Spastic Cerebral palsy”at the **Annual Conference of Indian Association of Physiotherapists,**India, January 2010, .
* **Represented** Sancheti Institute’s College of Physiotherapy and presented poster **“**Co-relation of Exercise participation and Health Related Quality Of Life in Post-menopausal population” in **Research Festival “Avishkar** December 2009”
* Worked in the Organising Committee for the **Annual Conference of Indian Association of Physiotherapists**, January 2010, Pune, India as Co-ordinator for Stage presentation.
* Successfully conducted a **Pulse Polio Drive ’08**, Pune, India organised by the Pune Municipal Corporation for the Government Program for eradication of Polio in India.

**COURSES/ CME**

* **Have successfully completed the Basic Life Support and the Advanced Cardiovascular Life Support Modules of the American Heart Association.**
* Course**: Neuro-developmental Treatment Facilitation Techniques | June ’11.**
* Course :Introduction to **Neuro-developmental Treatment** – A Theoretical Framework and Clinical Application **|Nov/Dec’09**
* CME **: Evidence Based Medicine and Medical Research | Nov’09**

**CONFERENCES**

* Partners HealthCare Connected Health Annual Conference: Collaborations and Innovations to Engage Patients and Elevate Care October 2013, Boston MA.
* American Physical Therapy Association of Massachusetts Annual Conference, October 2013, Boston MA.
* Albert Schweitzer Leadership Conference , November 2012 , Boston , MA.
* Annual Conference of the Indian Association of Physiotherapists, January 2011, Pune, India.
* Annual Conference of the Indian academy of Cerebral Palsy, January 2010, Mumbai, India.
* Scientifica – Physiotherapy Students Conference, March 2009, Pune, India.

**RELEVANT SKILLS**

* Competent in using various Research databases for literature review.
* Competant in using Microsoft Office and Redcap ( Research Electronic Data Capture) for data creation , maintainance , analysis and presentation.

**INTERESTS**

* Public – speaking**: Student Speaker for the Graduate Student’s Pinning Ceremony, December 2012 at the MGHIHP** .Stage presenter for Annual Function of Sancheti Institute’s College of Physiotherapy for all 4 years and also at the **Annual Conference of Indian Association of Physiotherapists**, January 2010, Pune, India. Numerous public speaking and voice over assignments.
* Debate: **Ranked 1 st** in Intra-College Debate competition ‘06.
* Drama: Participated in: Purshottam Karandak” a prestigious drama competition.
* Reading.
* Travelling

**REFERENCES**

At the ***MGH Institute of Health Professions ( Boston , USA)***

* Laura Plummer, PT, DPT, MS, NCS, **Clinical Assistant Professor, Physical Therapy and Clinical Instructor and Primary Clinical Supervisor.**
* Tracy Brudvig, PT, DPT, PhD, OCS **Clinical Associate Prof, Physical Therapy**
* Angelique M. Dirkes, DPT, MS **Clinical Instructor, Physical Therapy**
* Janet Callahan, PT, DPT, MS, NCS **Clinical Assistant Professor, Physical Therapy and Masters ‘ Thesis Guide**

At the ***Sancheti Institute’s College of Physiotherapy***

* Dr. Vasanti Joshi, **Assistant Professor, Physical Therapy**
* Dr. Gajanan Bhalerao MSPT (Neuro)**, Assistant Professor, Physical Therapy and Internship Thesis Guide**
* Dr. Shaila Sabnis**, Emeritus Principal**

At previous **Work place**

* Dr. Asha M Chitnis CI/NDT, **Clinical Instructor and Coordinator for NDTA (Peads)**
* Dr. Tim Hale PHD, **Associate Director User Centered Design at Partners HealthCare Connected Health Innovation, Boston, USA**