

- A. Department: Physical Medicine & Rehabilitation**
- B. Name of the Faculty: Dr. Akoijam Joy Singh**
- Qualification: MD(PMR), DNB(PMR), Diploma Sports Medicine, PhD(Med)
  - IMR No.: MNC-00006
- C. Current Designation: Professor & HOD**
- Date of promotion to Professor: 1<sup>st</sup> February, 2009, HOD : 17<sup>th</sup> February 2012
- D. Nature of Employment: Regular**
- E. Details of Service in the last 5 years**
- Teaching of undergraduate & postgraduate students
    - Didactic lecture
    - Bedside teaching
    - Grand rounds
    - Presentation by the students
  - Patient Care
    - OPD services
    - Ward services in 31 bedded Rehabilitation Ward
    - Special clinics (Cerebral Palsy & Stroke)
    - Operation theatre related services
      - Injection (local/intra-articular/epidural)
      - Fluoroscopy guided pain interventions
      - Minor operations
      - Major musculoskeletal surgeries including spinal surgery
  - Research
    - Extramural projects under Indian Council of Medical Research and Department of Science & Technology as listed below
      - Prevalence of Overused Injuries among adolescents in Manipur – Funded by ICMR, New Delhi, 3 years (2017 -2019), funded by ICMR, New Delhi
      - Role of knee orthosis in the management of knee osteoarthritis: A prospective open-label parallel randomized controlled trial in a tertiary care hospital in Northeast India” funded by Department of Sciences & Technology, Government of Manipur (2018-19).
      - Changes in salivary biomarkers level during competition in male athletes of Manipur as marker for stress in selective sports funded by Department of Sciences & Technology, Government of Manipur (2019-20).
    - Regular attendance of the PMR Conferences
      - IAPMRCON 2017 (Kolkata)
      - IAPMRCON 2018 (Delhi)
      - IAPMRCON 2019(Mumbai)
      - IAPMRCON 2020 (Kerala)
      - IAPMRCON 2021(Chennai –Virtual)

iii. Publications of books as under

- A Manual of First Aid edited by Dr. Tomcha Khuman & Dr. Ak. Joy Singh Publisher: St. John Ambulance (India), Manipur State Centre (2014).
- Handbook on Disability Evaluation published by Lanleima Enterprises (2021)
- Guidelines of Pulmonary Rehabilitation in COVID 19 Patients, published by National Health Mission, Manipur(2021)

iv. Paper publications

**International as Corresponding author**

1. Chandrakant Pilania, Longjam Nilachandra Singh, *Akoijam Joy Singh*. Comparison of ultrasound guided pulsed radiofrequency ablation and bupivacaine block of suprascapular nerve in reduction of pain and disabilities in hemiplegic shoulder pain: A randomized controlled study. *International Journal of Physical Medicine & Rehabilitation* 2020; 8(5): 1000361
2. Margaret Ch, Nilachandra Singh L, Joy Singh Ak, Kanti RK, Monica M, Sreejith C: Comparison Between Intra-Articular Knee Injection of Platelet Rich Plasma and Prolotherapy in Partial ACL Tear of Knee: A Randomized Controlled Trial. *International Journal of Scientific Research*, December 2019;8(12):13-14.
3. Sreejith C, *Akoijam Joy Singh*, Longjam Nilachandra Singh, Kanti Rajkumari, Margaret Chabungbam, Chandrakant Pilania, Janet Moirangthem. Effectiveness of ultrasound guided ethanol motor points block in reduction of spasticity and improvement of upper limb function in hemiplegic patients: a randomized controlled study. *International Journal of Advances in Medicine* 2020;7(9):1409 – 1413.
4. Margaret Chabungbam1, *Akoijam Joy Singh*, Longjam Nilachandra Singh, Yumnam Ningthemba. Comparison between prolozone therapy and extracorporeal shockwave therapy in management of pain and function in resistant cases of lateral epicondylitis: a randomised controlled trial. *International Journal of Advances in Medicine* 2020 Aug;7(8):1216-1219.
5. Joymati Oinam, *Joy Singh Akoijam*, Ningthemba Yumnam, L. Suresh Roy, Tripti Khanna. Body composition and prevalence of prevalence of overweight and obesity and its determinants among adolescents in Manipur, North-Eastern India: A cross- sectional study. *International Journal Of Research in Medical Sciences* 2019 Apr;7(4):1347-1353.
6. Ningthemba Y, *Joy Singh Ak*, Nilachandra Singh L, Joymati O. Effectiveness of mirror therapy in the motor recovery of upper extremity in the post stroke hemiplegic patients: A randomized controlled trial in a tertiary care hospital in Manipur, Northeast India. *International Journal of Advances in Medicine*, October 2019;(5):1657-62.
7. Janet M, *Joy Ak*, Nilachandra L, Ningthemba Y, Margaret Ch, Chandrakant P, Sreejith C: Intra Articular Ozone Therapy in Osteoarthritis of Knee in Reducing Pain and Improving Function in a Tertiary Care Hospital in North-East India: A Randomized Controlled Study. *International Journal of Scientific and Research Publication*, September 2019;9(9):240-6.
8. Swami T, *Singh Akoijam Joy*, Singh L Nilachandra. Comparison of Ultrasound-guided Suprascapular Nerve Block and Extracorporeal Shock Wave Therapy in Reduction of Pain and Functional Disability in Adhesive Capsulitis of Shoulder: A Randomized Controlled Study. *Indian J Phys Med Rehab* 2019;30(2):29–33.
9. Joymati O, *Joy Ak*, Ningthemba Y. Body Composition and Prevalence of Overweight and Obesity and Its Determinants among Adolescents in Manipur, North-eastern India: A Cross-Sectional Study. *Int J Res Med Sci*. 2019;7(4):1347-1353.
10. Kanti RK, *Joy Ak*. Normative data of the urinary bone resorption biomarkers for osteoporosis DPD, CTx and NTx among females in Manipur and its correlation with bone mineral density measured by DEXA scan. *International Journal of Clinical Biochemistry and Research* 2018;5(4)547-550.

11. Shibu B, *Joy Ak*. Normative Broadband Ultrasound Attenuation and Speed of Sound Data and Correlation Between T-Scores of Quantitative Ultrasound and Dual Energy X-Ray Absorptiometry Among Females of Manipur. *International Journal of Medical Research & Health Sciences* 2018;7(6):100-104.
12. Ningthemba Y, *Joy Ak*. Prevalence of Osteoporosis and Osteopenia among Females in Manipur, Northeastern, India: A Community Based Cross Sectional Study. *Annals of International Medical and Dental Research* 2018;4(5):1-4.
13. Naorem Bimol, *Ak. Joy Singh*, Tamphaleima Khuraijam, Taha Peya, Y. Ningthemba, Y. Nandabir Singh: Comparative study of effectiveness of ultra sound guided Supra- scapular nerve block versus intra-articular steroid injection in the management of Adhesive capsulitis: A Randomized controlled trial in a Tertiary care hospital in North Eastern India. *Annals of International Medical and Dental Research* 2017;4(2): 8-12.
14. Sushil L, *Joy Ak*. Temporomandibular dysfunction: A great mimic for multitude of cranio-cervical dysfunction – a case series. *International Journal of Scientific Research* 2016;5(10):12-15.
15. Sushil L, *Joy Ak*. Partial body weight supported training in patients with stroke: Evaluation of changes in certain gait parameters, pre and post training. *Indian Journal of Research* 2016;5(10):10-13.
16. Ningthemba Y, *Joy Ak*, Bimol N, Nandabir Y, Brojendro N. Effectiveness of mirror therapy in motor recovery of post stroke hemiplegic patients: a randomized controlled trial. *IJSR* 2016; 5(11): 28-30.

International as Co-author

17. Chandrakant P, Nilachandra Singh L, Joy Singh Ak, Ningthemba Y, Margaret Ch, Janet M, Sreejith C, Opo T, Monica M: Comparison of the Effectiveness between Fluoroscopy Guided Transforaminal Epidural and Caudal Epidural Dexamethasone Injection in the Reduction of Pain and Disability in Post Laminectomy Syndrome: A Randomized Controlled Trial. *International Journal of Scientific Research*, November 2019;8(11):34-6.
18. Darendrajit Singh Longjam, Joy Singh Akoijam, Meina Singh Ahongshangbam, Nilachandra Singh Longjam. Comparison of the clinical effect of intra-articular injection of platelet rich plasma and methylprednisolone in primary osteoarthritis of knee: a randomized controlled trial. *Int J Adv Med*. 2019 Dec;6(6):1842-1848.
19. Kanti RK, Nila L, Joy Ak. A comparative study between intravenous steroid and interlaminar epidural steroid in acute lumbar prolapsed intervertebral disc. *International Journal of Scientific Research* 2018;7(9): 25-27.
20. Tripti Swami, Nila L, Joy Ak. Prevalence of adhesive capsulitis of shoulder in in Manipur population: A hospital based study. *International Journal of Scientific Research* 2018;7(7): 69-71.
21. Darendrajit L, Nilachandra L, Joy Ak, Aten J, Shibu B, Kanti RK, Tripti S: Ozone discectomy versus interlaminar epidural steroid in prolapsed lumbar intervertebral disc: a randomized controlled study. *Global Journal for Research Analysis* 2017; 6(5)66-68.
22. Nilachandra L, Aten J, Darendrajit L, Shibu B, Tripti S, Kanti RK, Joy Ak. Bone marrow profile in osteoporosis. *Global Journal for Research Analysis* 2017;6(6):47-49.
23. Nilachandra L, Darendrajit L, Singh Joy AK, Aten J, Shibu B, Venyo V, Kanti RK, Tripti S. Vitamin D deficiency in adolescents presenting with musculoskeletal pain: a prospective study. *International Journal of Scientific Research* 2016;5(9):248-50.
24. Darendrajit L, Nilachandra L, Joy Ak, Aten J, Shibu B, Kanti RK, Tripti S. Ozone discectomy versus interlaminar epidural steroid in prolapsed lumbar intervertebral disc: a randomized controlled study. *Global Journal for Research Analysis* 2017;6(5):66-68.
25. Nilachandra L, Aten J, Darendrajit L, Shibu B, Tripti S, Kanti RK, Joy Ak. Bone marrow profile in osteoporosis. *Global Journal for Research Analysis* 2017;6(6):47-49.

F. Numbers of lectures taken in a year

a. Undergraduates 10/year

i. Topics

- Disability etiquette
- Stroke rehabilitation
- Spinal Cord injury rehabilitation
- Amputee rehabilitation
- Burn rehabilitation
- Architectural barrier reduction
- Physical Modalities
- Mobility aids
- Cardiac rehabilitation
- Pulmonary rehabilitation
- Orthotics
- Prosthetics
- Neurorehabilitation
- Pain interventions

b. Postgraduate – 14 topics /year

- Disability etiquette
- Stroke rehabilitation
- Spinal Cord injury rehabilitation
- Amputee rehabilitation
- Burn rehabilitation
- Architectural barrier reduction
- Physical Modalities
- Mobility aids
- Cardiac rehabilitation
- Pulmonary rehabilitation
- Orthotics
- Prosthetics
- Neurorehabilitation
- Interventional Pain Management

2. Name of Faculty: Dr. Nongmaithem Romi Singh  
Qualification: MBBS, Diplomate N.B.(Physical Medicine & Rehabilitation)  
IMR Number: MNP-00044 (Manipur Medical Council)  
Current Designation & Date of promotion: Professor (PMR); 01/02/2012  
Nature of employment: Regular

**Details of services in last 5 years:**

**Conference/Workshop / seminars**

- Attended National Workshop on “Global Burden of Diseases: Musculo-Skeletal Expert Group” at ICMR Headquarters, New Delhi on 9<sup>th</sup> September 2016, jointly organized by ICMR & National Health Foundation of India.
- Participated “International Workshop on Data sharing for open innovation in Community based rehabilitation” organized by School of Biomedical Sciences, University of Leeds, UK and Department of Biological Sciences, BITS, Pilani, K.K. Birla Goa Campus, Goa during 28<sup>th</sup> -29<sup>th</sup> September 2018.
- Attended 34<sup>th</sup> Annual Conference of Indian Rheumatology Association during 6<sup>th</sup> -9<sup>th</sup> December 2018 at Guwahati and also **chaired a session on “Rheumatoid arthritis: Cost effective management & Complications”**
- Attended International Workshop “STIR in AS Management” hands on Workshop on DICOM on MRI in Spondyloarthropathy at New Delhi on 26<sup>th</sup> May 2019
- Participated 15<sup>th</sup> Annual Conference of East Zone Rheumatology Association (EZRACON 2019) as Organizing Vice Chairperson, held at Imphal during 13<sup>th</sup> – 15<sup>th</sup> September 2019
- Delivered a CME talk on Ankylosing spondylitis update at PMR department RIMS on 25<sup>th</sup> November 2019
- Attended Annual Conference of Indian Rheumatology Association, IRACON 2019 at Puducherry during 5<sup>th</sup> – 8<sup>th</sup> Dec 2019 as National Faculty and organised a Workshop (as Convenor) on “**Rheumatological Rehabilitation**” for Rheumatologists on 6<sup>th</sup> Dec 2019
- Delivered a talk on “Rehabilitation of Spine & Joint deformities” during Annual Conference of Indian Rheumatology Association IRACON 2019 at Puducherry during 5<sup>th</sup> - 8<sup>th</sup> Dec 2019

**Academic:**

- Approved Post Graduate Teacher & Internal Examiner for MD (PM & R) for Manipur University since 2006
- External Examiner & Adjudicator (Reviewer Dissertation) for dissertation for MD (PM&R) course under West Bengal University of Health Sciences since 2014.
- Question setter for NBE (PMR ), Evaluator of dissertations for MD (PMR) for Guru Govind Indraprastha University and Manipur University & DNB (PMR)
- Examiner for National Board of Examinations, New Delhi in the speciality of Physical Medicine & Rehabilitation.
- Appraiser NEET-PG 2019, 2020, 2021, conducted by National Board of Examinations, New Delhi for Imphal Centre
- Editorial Board member, Assistant Editor, Indian Journal of PMR
- National Appraiser for DNB Final Theory Exam 2020 Imphal Centre 18<sup>th</sup> – 22<sup>nd</sup> March 2021
- Attended as UPSC Board member for selection of Assistant Professor (Sports Medicine) at UPSC Bhavan New Delhi on 10<sup>th</sup> March 2021

#### **Publications:**

#### **International:**

- **Nongmaithem R.S.**, Pertin M, Chiru C, Jotin Y. (2016) Bone mineral density profile among post-menopausal women in Manipur: a hospital-based study. Int J Rheum Dis .doi:10.1111/1756-185X12825
- Contributed as an Author for multicentric study “ Nations within a Nation: Variations in epidemiological transitions across the states of India , 1990- 2016 in Global Burden of Disease study : India State level Disease Burden Initiative Collaborators. Lancet online November 2017 [http://dx.doi.org/10.1016/S0140-6736\(17\)32804-0](http://dx.doi.org/10.1016/S0140-6736(17)32804-0)

#### **National:**

- Debnath U, **Nongmaithem RS**, Yengkhom JS, Basuthakur K, Lisham RK, Jerang O, *et al.* Efficacy of Ultrasound-guided Autologous Blood Injection in Chronic Lateral Epicondylitis: A Randomized Controlled Trial. Indian J Phys Med Rehab 2021;XX(X):1–7
- Chiru Ch, **Nongmaithem RS**, , Shahin KE, Jotin Y, Jerang O. Effect of force platform biofeedback training on balance and lower limb functional outcome in patients following stroke. Global J Res Analysis 2021;Vol.11(5) ISSN No. 2249 - 555X | DOI : 10.36106/ijar

- Jerang O , Nongmaithem RS, Jotin Y, Shahin KE, Dharshan NA. Efficacy of ultrasound-guided autologous blood injection versus extracorporeal shock wave therapy in chronic achills tendinopathy. International J Sci Res Volume - 10 | Issue - 03 | March - 2021 | PRINT ISSN No. 2277 - 8179 | DOI : 10.36106/ijsr
- Debanath U, Nongmaithem RS, Yengkhom JS, Lisham R, Jerang O. Efficacy of intradiscal Ozone nucleolysis in improving pain and function in patients with lumbar prolapsed intervertebral disc. Global J Res Analysis 2019;Vol 8(5):33-6.
- Thakur KB, Nongmaithem RS, Yengkhom JS, Debnath U, Singh LR. Correlation of Radio-Anatomic Site of Stroke with Motor Recovery and Functional Outcome in Ischemic Stroke Patients: A Hospital-based Prospective Cohort Study. Indian J Phy Med Rehab 2017;28(4):1-7.
- Yengkhom JS, Nongmaithem RS, Chiru MSC, Thakur KB, Debnath U. Efficacy of Single-dose Intra-articular Injection of High-molecular-weight Hyaluronic Acid in Patients suffering from Primary Osteoarthritis of Knee. Indian J Phy Med Rehab 2017;28(3):1-6.
- Thakur KB, Nongmaithem RS, Yengkhom JS, Debnath U, Singh LR. Prevalence of disability in low back pain: A hospital-based study. Global J Res Analysis 2017;Vol 6(9):13-5.

**Number of lectures taken / year & topics covered:**

- I) Undergraduate (VII semester): 3 lectures twice in a year covering the following topics : a) Architectural barrier reduction, b) Cerebral Palsy rehabilitation, c) Myopathy rehabilitation
- II) Internee posting round the year: Approximately 100 classes per year consisting of 2 hours bedside clinical classes covering following topics: Rehabilitation and disability issues, flaccid paralysis, OA knee, Rheumatoid arthritis , Spinal cord injury rehabilitation.

**3. Name of Faculty member: Dr. Longjam Nilachandra Singh**

**Qualification:** MD (Physical Medicine and Rehabilitation)

**IMR number:** MNP-00141

**Current designation:** Associate Professor

**Date of promotion:** 1/2/2017 as Associate Professor

**Nature of employment:** Regular

**Details of service in last 5 years:** Worked as Associate Professor w.e.f. 1<sup>st</sup> February 2017 to till date

**Number of lectures taken/year:** 47 lectures

**Topics covered:** Stroke Rehabilitation, Rehabilitation of Traumatic Brain Injury, Amputee Rehabilitation, Obstetric Rehabilitation, Low back pain Rehabilitation, Cerebral Palsy Rehabilitation

**Medical Educator Training/Research Methodology and dates Completed :**

1. Completed the Online “Basic Course in Biomedical Research” organized by ICMR-National Institute of Epidemiology, Chennai held during March to June, 2021.
2. Revised Basic Course Workshop and training of Attitude, Ethics & Communication (AETCOM) held during 23<sup>rd</sup> – 25<sup>th</sup> March, 2021 at Regional Institute of Medical Sciences, Imphal under the supervision of NMC Regional Centre- Jorhat Medical College, Jorhat, Assam
3. One month International Training on Authorship, Research Methodology and Scopus Free Publication Process (TARMS-2021) organized by Eudoxia Research Centre, India from %th January 2021 to 2<sup>nd</sup> February 2021

**Publications in the last five years:**

- i) Darendrajit L, **Nilachandra L**, Joy Ak, Aten J, Shibu B, Kanti RK, Tripti S: Ozone Discectomy VS Interlaminar Epidural Steroid in Prolapsed Lumbar Intervertebral Disc: A randomized controlled study. Global Journal for Research Analysis, May 2017;6(5):66-68.
- ii) **Nilachandra L**, Aten J, Darendrajit L, Shibu B, Tripti S, Kanti RK, Joy Ak,. Bone Marrow Profile in Osteoporosis. Global Journal for Research Analysis, June 2017;6(6):47-49.
- iii) Swami T, **Nilachandra L**, Shibu B, Kanti RK, Joy Ak, Margaret Ch, Piania Ch. Prevalence of Adhesive Capsulitis of Shoulder in Manipur Population: A Hospital Based Study. International Journal of Scientific Research, July 2018;7(7):69-71.
- iv) R K Kanti, **Nilachandra L**, Joy Ak, Shibu B, Piania Ch, Margaret Ch. A Comparative Study Between Intravenous Steroid injection and Interlaminar



- Epidural Steroid Injection in Acute Lumbar Prolapsed Intervertebral Disc. .  
International Journal of Scientific Research, September 2018;7(9):25-27.
- v) Ningthemba Y, Joy Singh Ak, **Nilachandra Singh L**, Joymati O. Effectiveness of mirror therapy in the motor recovery of upper extremity in the post stroke hemiplegic patients: a randomized controlled trial in a tertiary care hospital in Manipur, Northeast India. International Journal of Advances in Medicine, October 2019;(5):1657-1662.
- vi) Chandrakant P, **Nilachandra Singh L**, Joy Singh Ak, Ningthemba Singh Y, Margaret Ch, Janet M, Sreejith C, Opo T, Monica M. Comparison of the Effectiveness between Fluroscopy Guided Transforaminal Epidural and Caudal Epidural Dexamethasone Injection in the Reduction of Pain and Disability in Post Laminectomy Syndrome: A Randomized Controlled Trial. International Journal of Scientific Research, November 2019;8(11):34-36.
- vii) Margaret Ch, **Nilachandra Singh L**, Joy Singh Ak, Kanti RK, Monica M, Sreejith C. Comparison Between Intra-Articular Knee Injection of Platelet Rich Plasma and Prolotherapy in Partial ACL Tear of Knee: A Randomized Controlled Trial. International Journal of Scientific Research, December 2019;8(12):13-14.
- viii) Janet M, Joy Ak, **Nilachandra L**, Ningthemba Y, Margaret Ch, Chandrakant P, Sreejith C. Intra-Articular Ozone Therapy in Osteoarthritis of Knee in Reducing Pain and Improving Function in a Tertiary Care Hospital in North-East India: A Randomized Controlled Study. International Journal of Scientific and Research Publications, September 2019;9(9):240-246.
- ix) Rajkumari K, Singh Joy A, **Singh Nilachandra L**. Comparison of the effectiveness between epidural methyl prednisolone injection and intranasal calcitonin in reduction of back pain due to osteoporosis in postmenopausal patients: a randomized controlled trial. Int J Clin Trials, Aug 2020(3):188-193
- x) Chabungbam M, Singh Joy A, **Singh Nilachandra L** et all. Comparison between prolozone therapy and extracorporeal shockwave therapy in management of pain and function in resistant cases of lateral epicondylitis:a randomized controlled trial. Int J Adv Med. 2020 Aug.7(8):1216-1219
- xi) C Sreejith, Singh Joy A, **Singh Nilachandra L** et al. Effectiveness of ultrasound guided ethanol motor points block in reduction of spasticity and improvement of upper limb function in hemiplegic patients: a randomized controlled study. Int J Adv Med 2020 Sept:7(9):1409-1413
- xii) Monica M, **Nilachandra Singh L**, Janet M, Sreejith C, Opo T, Joy Ak. A case series of hypokalemic thyrotoxic periodic paralysis presenting in the North Eastern region of India. J Med Society 2020;34(3): 175-77.

- xiii) Khwairakpam Selina Devi, Akoijam Joy Singh, **Longjam Nilachandra Singh**, Kanti Rajkumari, Margaret Chabungbam, Monica Moirangthem, Tasso Opo, Prashant Kami Rasaily. Comparison between single spin and double spin platelet rich plasma in pain and functional outcome of osteoarthritis knee: a randomized controlled trial. *Int J Adv Med.*2021 Nov;8(11):1679-1683
- xiv) Margaret Chabungbam, Akoijam Joy Singh , **Longjam Nilachandra Singh** , Sreejith Choorapra , Tasso Opo , Monica Moirangthem , Khwairakpam Selina Devi , Prashant Kami Rasaily. Unprecedented emergencies during radiofrequency ablation procedure: a case series. *Int J Adv Med.*2021 Dec;8(12):1861-1866

4. Name of Faculty member: **Dr. NaoremBimol**

Qualification: MD (Physical Medicine and Rehabilitation)

IMR number:MNP-0897

Current designation: Associate Professor

Date of promotion: 1/2/2018

Nature of employment: Regular

Details of service in last 5 years: Worked as Assistant Professor till 31<sup>st</sup> January, 2017 and has been working as Associate Professor from 1/2/2018 till date.

Number of lectures taken/year: 34

Topics covered: Pulmonary Rehabilitation, Rehabilitation of Rheumatoid arthritis, cumulative trauma disorder, Amputee rehabilitation, rehabilitation of low back pain, Physical agents

**Medical Educator Training/Research Methodology and dates:**

1. Revised Basic Course Workshop and AETCOM held during 28<sup>th</sup> – 30<sup>th</sup> September, 2021 at Regional Institute of Medical Sciences, Imphal under supervision of NMC Regional Centre- Jorhat Medical College, Jorhat, Assam

4. Completed the Online “Basic Course in Biomedical Research” organized by ICMR- National Institute of Epidemiology, Chennai held during Aug-Dec, 2020.

## ANNEXURE

### Publications in the last five years:

Sl. No	Publication in Vancouver referencing style	PubMed Indexed Yes/No	Scopus indexed Yes/No
1	N.Bimol, Y. Ningthemba, TahaPeya, Y. Nandabir Singh, Ak. Joy Singh. Wrist Hand Orthoses in the management of upper limb spasticity in Hemiplegia: A randomized control trial study. J Evolution Med Dent Sci. Dec2017;6(94):6877-81.	No	No
2	TahaPeya, Y. Ningthemba, N.Bimol, TamphaleimaKhurajjam, Y. Nandabir Singh, Ak. Joy Singh. Effectiveness of phenol block in the management of spasticity in Hemiplegia: A non-randomized control trial. J Evolution Med Dent Sci. Dec2017;6(94):6905-08	No	No
3	N. Bimol, Ak Joy Singh, TamphaleimaKhurajjam, TahaPeya, Y. Ningthemba, Y. Nandabir Singh. Comparative study of effectiveness of ultra sound guided supra-scapular nerve block versus imtra-articular steroid injection in the management of Adhesive capsulitis: A Randomized controlled trial in a Tertiary care hospital in North Eastern India. Annal of International Medical and Dental Research. 2017; 4(2): 8-12	No	No
4	TamphaleimaKh, SubhaschandraS, N. Bimol, ThuingarenSareo, NingthembaYumnam, NandabirYumnam. Functional outcome of ischemic stroke in relation to site of lesion; a prospective cohort study. J Med Soc. 2018; 32: 57-60	No	No
5	Debasish Deb, Y. Nandabir Singh, N. Bimol, Rakesh Das, SanavasA. Comparison between intra-articular platelet rich plasma and cortico-steroid injection under ultrasound guidance in the management of pain and improvement of functional outcome in patients suffering from knee osteoarthritis: A randomized controlled trial. Int J scientific research. August 2020;9(8):49-53.	No	No

6	Debasish Deb, Y. Nandabir Singh, N. Bimol, Rakesh Das, ShanavasA. Comparison between plasma rich platelet injection, corticosteroid injection and shock wave therapy in the management of pain and the improvement of functional outcome in the patients suffering from adhesive capsulitis of the shoulder: A randomized controlled trial. Int J AdvMed.Oct 2020;7(10):1546-49.		
7	Debasish Deb, Akoijam Joy Singh, NaoremBimol, Y. Nandabir Singh, Rakesh Das, SanavasA, Suman Deb. Comparison between prolotherapy using 25% dextrose versus extracorporeal shock wave therapy in the management of pain and improvement of functional outcome in patients suffering from chronic lateral epicondylitis: A randomized controlled trial. Int J Res Med Sci.2020 Nov; 8(11): 4056-61.	No	No
8	Das R, Bimol N, Deb D, Meethal SA, Singh YN. Efficacy of thumb abduction orthosis versus local methylprednisolone acetate injection in De Quervain's tenosynovitis: A randomized controlled trial. J Med Soc. 2021;35:35-9	No	No