

CURRICULUM VITAE

DR. SUBHASH Y.RAUT

DEAN

GOVT AYURVED COLLEGE & HOSPITAL,

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CONTACT DETAILS:

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CAREER OBJECTIVE:

- 1) To explore classical pedagogical tool supplemented by bedside teaching and hand- on application.
- 2) To give strong emphasis on theory practice connects.
- 3) To incubate ideas and projects to explore basic and scientific wisdom of Ayurved through research and to translate into practice.
- 4) To explore principles of surgery from Sushruta Samhita and define these principles in context of western science of surgery.
- 5) To provide and create an environment to encourage teaching in innovative ways.
- 6) To serve humanity through Ayurved for surgical disease.

AREA OF INTEREST:

- 1) Shalyatantra (Surgery) - Concepts of treating surgical disease with surgical, parasurgical procedures and internal medication.
- 2) Sushrut Samhita.

EDUCATIONAL PROFILE:

- 1) M.D. (Ayu.); 1987; Shalyatantra; Institute of Post Graduate Teaching and Research; Gujrat Ayurved University Jamnagar.
- 2) B.A.M.S.; 1983; Govt. Ayurved College and Hospital Nagpur; Nagpur University Nagpur.
- 3) B.A.(Add); 1984; Psychology; Nagpur University Nagpur.
- 4) H.S.C.; 1978; Maharashtra State Board of Secondary and Higher Secondary Education, Pune (Nagpur Division).
- 5) S.S.C.;1976; Maharashtra State Board of Secondary Education, Pune (Nagpur Division).

PROFESSIONAL EMPLOYMENT PROFILE:

- **DEAN** - Govt. Ayurved College and Hospital, Nagpur;
 - 1/10/2019 to till date
 - 10/11/2017 to 2/01/2019
 - 26/06/2009 to 23/06/2011
- **Professor & Head** - Department of Shalyatantra; Govt. Ayurved College and Hospital Nagpur; 14 years and 7 months.
- **Associate Professor & Head** - Department of Shalyatantra; Govt. Ayurved College and Hospital Nagpur; 7 years and 7 months.
- **Lecturer (Senior Grade)** - Department of Shalyatantra; Govt. Ayurved College and Hospital Nagpur/ Nanded; 3 years and 8 months.
- **Lecturer** - Department of Shalyatantra; Govt. Ayurved College and Hospital Nagpur; 8 years.
- **Medical Officer Class II** - Department of Public Health, Govt. of Maharashtra; 2 years.
- **Clinical Registrar** - I.P.G.T.& R.A. Hospital, Jamnagar; 2 years.

ACADEMIC EXPERIENCES:

- **Ph. D guide** - Maharashtra University of Health Science; from 2010 to till date (11 years).
- **P.G. Supervisor and Guide** - Nagpur University Nagpur and Maharashtra University of Health Science Nashik; from 1991 to till date (32 years).
- **U.G. Teaching** - 33 years.

DETAILS OF PROJECTS UNDERTAKEN:
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A) Projects undertaken as guide for Post graduate studies.

Completed:

- 1) A Clinical study on Siravedhana Acupuncture and role of Auricular acupuncture.1996-97
- 2) Role of KshirivrikshaPatra in the management of Arsha.1996-97
- 3) Role of Jaloukavacharan in prevention of Abscess formation.1996-97
- 4) Property of Vasanvel with reference to Bleeding Piles.1997-98
- 5) Clinical Studies on Bhagandra (Fistula in Ano). 1997-98
- 6) Clinical Studies on Mutraghata with special reference to Mutrashmari.1997-98
- 7) Clinical studies on the management of Parikartika (Fissure in Ano). 1997-98
- 8) A Critical Study on Clinico-pathological Evaluation of etiological factors in MutrajVridhii. e. Hydrocele in Context of Sushruta's Description.1998-99
- 9) Evaluation of Haemocoagulation property of certain Herbal extracts. 2005-06
- 10) Shushrutagatshalyatantriyamulsiddhantanamtathatadanushangenk sharasyapunsatvanashana karma-tulanatmakaddhyyan. 2005-06
- 11) Effect of Trutyadichurna in the patients of Urolithiasis a clinical approach. 2006-07
- 12) Experimental evaluation of Horse Hair as nonabsorbable monofilament suture. 2006-07
- 13) Experimental evaluation of Analgesic property of Saracaindica and Shorearobusta.2006-07
- 14) Experimental evaluation of Ulcer healing property of Glycerrhizaglabra.2007-08
- 15) Experimental evaluation of Haemostatic property of Nagkeshar.2007-08
- 16) Efficiency of PanchatiktaKshirbasti in Asthisousharya (Osteoporosis).2008-09
- 17) A comparative study Effect of Kshar Sutra Bandhan (Ligation) with rubber band ligation in the management of Arsha (Haemorrhoids). 2008-09
- 18) A comparative study on management of fistula in ano with ksharsutra and fistulectomy I. e. Chedanakarma, 2009-10

- 19) Clinical Evaluation of analgesic property of Ashoka (Saraca indica) in postoperative pain management. 2009-10
- 20) Critical study on clinicopathological evaluation of hydrocele of filarial origin. 2010-11
- 21) Experimental study of asthishrunkhala (Cissus quadrangularis) on bone healing in fracture. 2010-11
- 22) The Study of changes in RBC indices After Raktamokshana with Special Reference to Siravedha. 2011-12
- 23) Clinical Evaluation of Efficacy of Lakshadi Tail on Dushta Vrana (Infected wound) with Special reference to Microbial Load. 2011-12
- 24) Effect of Kushmandadi Compound (Kushmand, Guda and Yavakshara) in The Management of Ashmari (Urolithiasis). 2012-13
- 25) A Comparative Study of Kanchanar Guggulu And Varunadi Kwatha In Management of Mutragranthi (BPH). 2012-13
- 26) Clinical Evaluation of Efficacy of Terminalia arjuna on Wound in Diabetic patients w.s.r. to Tissue Culture. 2011-14
- 27) Clinical Evaluation of Efficacy of Dashmooladi Kwath in the management of BPH w.s.r to Trans-rectal USG. 2011-14
- 28) Clinical evaluation of efficacy of Varunadya Tail Matra Basti in the management of Benign prostatic hyperplasia. 2012-15
- 29) Clinical Evaluation of Lithotriptic action of Shigrumulkwath on Urolithiasis. 2012-15
- 30) Clinical evaluation of efficacy of Sodhita Shukra Sharsutra.
- 31) Ethnolic Extract of Terminalia chebula on wound contraction w . s. Emphasis on Tannin content
- 32) Controlled clinical trial of varunkwath in management of mutrashmari
- 33) Clinical evaluation of combi therapy of Ksharsutra application followed by fistulectomy with conventional Ksharsutra therapy & complete fistulectomy in the management of Bhagandara (fistula in ano) comparative study.
- 34) Urodynamic evaluation of effect of Kusumanda Beejachurna in the management of mutraghata with special reference to bladder outlet obstruction (BOO).

- 35) A critical review of musculoskeletal traumatic disorders in context of Bhagana and evaluation of influence of smoking in bone healing in fractured long bones of forearm.
- 36) Open Label Randomized control Trial to compare Rate of Wound Healing in the Subject of Incised wound with Honey Smeared Suture and plain Suture.
- 37) Randomized controlled Study of Apamarga Ghrita on utsadana karma in wound Healing with special Reference to Collagen Synthesis.
- 38) Randomized controlled Trial of Varunadya taila Uttarbasti in management of Mutra-granthi with special reference to Benign Prostate Hyperplasia.
- 39) Randomized controlled Trial of Ksharsutra application for shodhan karma followed by complete Fistulectomy in Parisrovi bhagandara.
- 40) Randomized controlled trial of vrisha kshara pratisarana in Abhyantara Arsha (internal Haemorrhoids).
- 41) Randomized controlled Trial of shigrumula churna in management of Mutrashmari.

Under Progress

- 1) Effect of shwadranshtra Tailabasti in the management of mutrakricchta with the special reference to dysuria in atropic vaginitis open to clinical trial with single arm.
- 2) Randomized controlled Trial of Viddhakarma in Vatakantak with special reference to Plantar Fascitis.
- 3) Open Randomized Controlled Trial on ErandPatranal Kshar on Mashak With Special Reference to Wart.
- 4) Open Randomized Controlled Trial of *AshwagandhaGhrita* in Wound Healing With Special Reference to *Utsadan Karma*.
- 5) Open Randomized Controlled Trial of *ArjunaRaskriya* With Special Reference to *Chala Sandhi Vranaropana*.

B) Co-supervised Research Project of P.G. Students

- 1) Role of Tridusprocumbus in the management of wounds and bleeding piles.1993-94
- 2) Katigrahavarkatibastichi upyogita.1993-94
- 3) A Study on Doctrine Philosophy in Sushrut Samhita.1997-98

C) Project completed as Guide for Ph.D. studies

- 1) Biochemical and Hormonal evaluation of Cissusquadrangularis in Accelerating Healing process of radius/ ulna fracture-A Clinical study

D) Projects under taken as Guide for Ph.D. Studies under progress

- 1) Phytotherapeutic Management of Bening Prostatic Hypertrophy: A Critical Reappraisal of Action of Laghu Panchamul a Compound in Context of Objective Assessment by Symptom Score, Ultrasound and Urography
- 2) Role of Siravedha and Shaman chikitsa in the treatment of Antravidradhi with special reference to Appendicitis–A clinical Study.
- 3) Evaluation of Chemo protective effect of Guduchi (Tinosporacardifolia) as an adjuvant to chemotherapy in Breast Cancer.

E) Major Project : Sanctioned under STAR research project to Medical Research Council of Maharashtra, under Directorate of Medical Education & Research on topic

- 1) Biochemical and Hormonal evaluation of Cissusquadrangularis in Accelerating Healing process of radius/ulna fracture- A Clinical study.

F) Minor projects completed for pharmaceuticals

- 1) Boro total and Boro aloe Antiseptic ointment on healing wound. For PUMA Ayurvedic herbal products Pvt. Ltd. India.
- 2) Prospective, single blind study to evaluate the efficacy and safety of ViccoNarayani cream as local Analgesic agent (external application) on patients having musculoskeletal pain. For Vicco Laboratories Pvt. Ltd. India.
- 3) Clinical trials of bleeding pile for Vaipani herbals Pvt. Ltd. India.
- 4) Clinical trials of Babool toothpaste for Balasara Hygiene products Pvt. Ltd. India.

G) Work of Translation done under TKD Project for CCRAS

- 1) Nighanturatnakara- Translation into Hindi.
- 2) AyurvediyaSubhashitani (Maxims in Ayurveda) translation into English.

H) Contributor for the chapter in Text Book on Shalyatantra for undergraduate and postgraduate by CCRAS.

DETAILS OF PUBLICATION AND PRESENTATION:

A) Publications:

- **Published in Peer Journals:**

- 1) Evaluation of Hemocoagulation Property of Mesuanagssarium. Journal of Drug Research in Ayurved of siddha, Vol. XXVII, No.1-2,(2006)
- 2) Clinical Efficacy of Jalaukaawacharana (Leach Application) in Thrombosed piles. AYU, vol. 33, issue2, (April-June2012)
- 3) Role of TCL Tail MatraBasti in the management of Benign prostate Hypertrophy Rasamruta, vol 5,no.5, (Feb-2013)
- 4) To Evaluate the Efficacy of KshiriVrukshPatra (Vata, Udumbara&Peepal) in Management of Arsha. Rasamruta,Vol.5,No.14,(June 2013)

- 5) Effect of leach Therapy in Management of Quadriceps femoris Tenosynovitis: A
- 6) Case study, Int. Journal of research on Ayurveda & Pharmacy, Vol4, No.4 Jul-Aug13.
- 7) Role of Apamargkshara with ApamargTailam on DushtaVrana with reference to infected wound—A case report Rasamruta, Vol5, No.26, (Sept2013).
- 8) A study of changes on RBC indices after Raktamokshan with special reference to siravedha. International Journal of Ayurvedic Medicine vol.4,No.3,2013
- 9) Role Of Jalaukavacharan In The Management Of Eczema And Its Complications- A Case Study. International Ayurved Medical Journal, Vol 2 (3), Page No.1-2,(May-June2014)
- 10) Role Of Jaloukavacharan In Thrombosed Haemorrhoids – A Case Study. International Journal Of Ayurveda And Pharma Research Case Study, Vol 2 (3), Page No. 100-103, 2014
- 11) Study Of Effect Of YashtimadhuGhrita And Madhu Local Application In Post Operative Patients Of Haemorrhoidectomy. International Ayurved Medical Journal, Vol 2 (4), Page No. 677-681, 2014
- 12) Effect Of Jalaukavacharan In BhagandariPidika: A Single Case Study. International Journal Of Ayurveda And Pharma Research Case Study, Vol 3 (2), Page No. 1-4, 2015
- 13) Ayurvedic And Modern Approach To Cleft Lip With Special Reference To AustaSandhan. International Journal Of Ayurveda And Pharmaceutical Chemistry, Vol 5 (1), Page No. 445-450, 2016
- 14) Encysted Spermatic Cord Hydrocele- A Case Study. International Ayurved Medical Journal, Vol 4 (11), Page No. 3493-3494, 2016
- 15) A Study To Evaluate The Effectiveness Of Ksharasutra Ligation Followed By Fistulectomy In The Management Of Bhagandara (Fistula In Ano). International Journal Of Ayurveda And Pharma Research, Vol 5 (1), Page No. 1-5, 2017
- 16) Orthopaedics In Ayurveda BhagnaChikitsa- A Review Article. International Ayurved Medical Journal, Vol 5 (6), Page No. 2164-2171, 2017
- 17) Bilateral Epididymal Cyst In 65 Yers Old Man – A Case Study. International Journal Of Ayurveda And Pharmaceutical Chemistry, Vol 9 (2), 2018

- 18) Need Of Exploration Of Basic Principles Of Sushruta For Integrated Approach In Surgery. International Journal Of Ayurveda And Alternative Medicine, Page No. 1-5, 2019
- 19) Applicability Of Sterilization: Basic Concepts Of Ayurveda In Morden Era, World Journal Of Pharmaceutical Research, Vol 9 (7), Page No. 786-791, 2020
- 20) Agnikarma (Cautery) A Parasurgical Procedure – New Innovations, World Journal Of Pharmaceutical Research, Vol 9 (5), 2020
- 21) Management Of Pain In Anorectal Disorders – An Ayurvedic Review, World Journal Of Pharmaceutical Research, Vol 10 (2), 2020
- 22) Role Of KsharaPratisaran In The Manegment Of Nadivrana With Special Reference To Pilonidal Sinus – A Case Study, World Journal Of Pharmaceutical Research, Vol 10 (4), Page No. 1071-1076, 2021
- 23) A Review On The Role Of Sutshekhar Rasa As A Effective Ayurvedic Formulation For Amlapitta, World Journal Of Pharmaceutical Research, Vol 10 (6), Page No. 288-294, 2021
- 24) The Manegment Of Keloid By Ksharsutra A Case Study, International Journal Of Scientific Research, Vol 10 (6), Page No. 63-64, 2021
- 25) A Review Of Suturing Techniques In Ancient Ayurveda And Modern Science, World Journal Of Pharmacy And Pharmaceutical Sciences, Vol 11 (7), 2022

- **Other reputed Journals:**

- 1) Solution for problems encountered in preparation of Ksharsutra “Selected Research Paper on Ksharsutra” Published by CCRAS14.01.2009
- 2) Life style modification and prevent HaemorrhoidsSachitraAyurved Vol 4 No. 3 Jan-March2013 published by BaidyanathAyurvedBhaven Pvt. Ltd, Nagpur

B) Presentations:

- 1) Role of Mustadikalpa in management of urinary tract infection.
- 2) Surgical techniques in Ancient India.
- 3) Principals of ksharsutra Application under protocol for kshasutra Therapy.
- 4) Effect of Trutyadichurna in patients of Mutrashmari –A clinical Approach.
- 5) Clinicopathological Evaluation of Etiological factors in Hydrocele in Context of Sushruta's description.
- 6) Anti bacterial Activity of MustadiKalpa.
- 7) A Determination of Equivalent Terminology for Prostate in Ayurveda.
- 8) Castigative Approach to sexual behavior Through Classic.
- 9) Role of Karnavedhana–Auricular Acupuncture in Tamakswasa (Bronchial Asthama).

DETAILS OF PARTICIPATION IN NATIONAL / INTERNATIONAL SEMINARS/SYMPOSIUM/CONFERENCES:

- 1) 2nd Surgical Oncology Workshop 2-4th Sept.1996, TATA Memorial Hospital Mumbai.
- 2) Live Operative Workshop on "Technique of Hernia Repair" 24th Sept. 2000 Nagpur.
- 3) Advance Laparoscopic Surgery Workshop 2nd Dec. 2001 Govt. Medical College Nagpur.
- 4) 25th Annual Conference of Association of Surgeons of India , Maharashtra Chapter 6th-9th Feb.2003, Nagpur
- 5) Workshop on Management of HIV/AIDS for Medical College Faculties &Principal of HFW 21st sept. 2000 Maharashtra state AIDS Control Society Mumbai.
- 6) Workshop on Basic and Advance Laparoscopic Surgery 12th June 2004 Jawaharlal Neharu Medical College, SawangiWardha.
- 7) Symposium on Cancer 21-22nd Jan 2005 Hislop school of Bio-technology, Nagpur
- 8) Live Workshop & Mid- term National Conference on Hernia, 20-21st Jan 2007, Nagpur.
- 9) National Symposium on Science & Technology in Ancient India 1&2nd Dec, 1990 B.M. Birla Science Center, Hyderabad.
- 10) National Seminar on Role of Panchakarma in General practice,17-18 Dec. 2000 Govt. DhanwantariAyurvedic College Ujjain(M.P.)

- 11) 2nd world congress on Yoga & Ayurveda, 2-7th Jan 1987, Faculty of Ayurveda, Institute of Medical Sciences B.H.U., VARANASI
- 12) All India Workshop on Panchkarma 22-23 Feb 1992 Ayurved Prasarak Mandal Jalgaon.
- 13) All india Workshop on Ksharsutra, 8th March 1994, National Academy of Ayurveda, New Delhi.
- 14) 4th International Seminar on Ayurvedic Education Research & Drug standardization, 5-7th Jan 2003, Gujarat Ayurved University Jamnagar.
- 15) Scientific Seminar on Panchakarma, 9th October 1997, Nagpur.
- 16) National Seminar on Role of Indian System of Medicine for sustainable Primary Health Care 9-10th Jan. 2004. Pt. Khushilal Sharma Govt. Institute of Ayurved Bhopal.
- 17) Workshop on Ayurvediya Shabdawali Samasyaevam Samadhan 14-15 Oct. 2004 (Bhopal) Vaigyaniktatha Takniki Sabdawali Ayog. M/O Human Resources, New Delhi.
- 18) National Workshop on Parameters for Standardization of Ayurvedic Drugs 23-24 July 2005.
- 19) 8th Regional Workshop on Teaching Technology 23 -25th Feb 2006 Indira Gandhi Govt. Medical College, Nagpur.
- 20) National Seminar on New Vistas Practical Adaptability of parasurgical procedures of Ayurved and Ksharsutra & Leech Application. 22-23 April 2006. Central Research Institute Bhubaneswar.
- 21) National Campaign on Role of Ksharsutra therapy 24-25 Aug. 2007 Central Council for Research in Ayurved and Siddha, New Delhi.
- 22) National Seminar on Evidence Based Ayurveda & C.M.E. on Biomedical Research Methods 78th Sept. 2007. Mahatma Gandhi Institute of Medical Sciences, Sevagram Dist. Wardha.
- 23) State level campaign on Role of Ksharsutra Therapy 12-13 Jan 2008 Directorate of Ayurved, Govt. of Maharashtra Mumbai.
- 24) National Seminar on Research Methodology in Ayurved 2010 18-19 Sept. 2010, Directorate of Ayurved, Govt of Maharashtra Mumbai.

TEACHERS REORIENTATION PROGRAMMES:

- 1) Shalyatantra 14th feb -12th march 1994, Shree Ayurved College Nagpur.
- 2) Shalyashalakya 1st jan-30th jan 1997, Shree Ayurved College Nagpur.
- 3) Ksharsutra 1st July 1997 to 31st Aug. 1997, Shree Ayurved College Nagpur.
- 4) Sanskrit Sambhashan Abhyaskram 20 Aug-23rd Sept 2003, Govt. Ayurved College Nagpur.
- 5) C.M.E. ON Para Surgical Techniques (Guest Speaker) 20-22 Oct 2008, Regional Research Institute Nagpur
- 6) C.M.E. Programme in Pharmacovigilance 10-11th Aug. 2009 National Institute of Ayurveda, Jaipur.
- 7) C.M.E. Sponsored by Dept. of AYUSH 17-22nd Dec. 2009, (Guest Speaker), Govt Ayurved College, Osmanabad.
- 8) C.M.E. Kayachikitsa 2-4 Dec. 2009, (Guest Speaker), R.A. Podar Medical (Ayu) College, Mumbai.
- 9) Re-orientation Program Ksharsutra 22-27th Nov 2010, (Guest Speaker), Govt Ayurved College Nanded.
- 10) CME on mainstreaming of AYUSH (Resource Person) at Public Health Institute & health and Family Welfare Training Centre Nagpur –for Ayush M.O. and DHO/CS/MS– for year 2011-12.
- 11) CME–Maharashtra Council of Indian Medicine –11th March 2012 Chairperson.
- 12) Clinical Training Programme on Ksharsutra, Shree Ayurved college Nagpur – 12th March to 17th March 2012 (Guest Speaker).
- 13) Clinical Training Programme on Ksharsutra, Vidarbha Ayurved College Amaravati. 19th March to 24th March 2012 (Guest Speaker)

SEMINAR/ AROGYAMELA/ CME/ RE-ORIENTATIONS ORGANISED AS ORGANISER:

- 1) Teachers Re orientation program in Shalyatantra 17 Feb-17 March 1999 Govt. Ayurved College Nagpur.
- 2) Seminar on Strength and Potential of Basic Concepts & Practices in ISM 30th Sept. to 1st Oct 2003 Govt. Ayurved College Nagpur.
- 3) Arogya Mela 15th Jan-15th Feb. 2004.
- 4) CME for Medical Officers on Ksharsutra by NRHM and State Health Society,

Mumbai 12th March to 17th March 2012.

OTHER TRAINING ACHIEVED:

- 1) Part time course on Diploma in information Technology Aug 1999 to Nov1999, Advance Computing Training School Pune.
- 2) Certificate in Information Technology Maharashtra State Board of Technical Education Mumbai.
- 3) Training Programme on Financial Management for Non Finance Officers 3rd May 2009 – 7th may 2009 YashwantraoChavhan Academy of Development Administration (Govt. of Maharashtra) Pune.

AWARDS & ACHIEVEMENTS:

- Recipient of Ramnarayan Sharma Gold Medal to Stood 1st in Final BAMS Exam.1983
- Felicitated by Baidyanath Ayurved Bhavan, Nagpur for services in Ayurved by Dhanvantari award.