

CURRICULUM VITAE

Anbananden Soopramanien

MD PhD FRCP

TABLE OF CONTENTS

PERSONAL DETAILS AND FIELDS OF INTEREST	3
EMPLOYMENT PROFILE: PRESENT AND PREVIOUS	4-5
UNIVERSITY AFFILIATION, EDUCATION, QUALIFICATIONS	5-6
MEDICAL TRAINING POSTS AND GLOBAL HEALTH ACTIVITIES	7-9
PAPERS BEING SUBMITTED FOR PUBLICATION	9-10
FORTHCOMING NEURAM ACTIVITIES	10
ARTICLES PUBLISHED BY NEURAM IN MAURITIUS PRESS	11
MEMBERSHIP OF PROFESSIONAL BODIES AND NGOs	11-12
PUBLICATIONS AND ACTIVITIES (1983- 2015)	12-16
RESEARCH ON TELEMEDICINE AND TELEHEALTH (FROM 2003)	16-17
FUTURE PLANS	18

PERSONAL DETAILS AND FIELDS OF INTEREST

Name: Anbananden Soopramanien

Position: Consultant in Spinal Injuries and Rehabilitation
Medicine

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Stanmore
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Website: www.anbasoopramanien.com
www.premavanimedical.com

Personal details: Male, Married, 2 children
Citizen of France and Mauritius

**Languages spoken
/written:** English, French, Creole

Fields of interest: Spinal injuries, Spinal cord injuries
Brain injury, Whiplash injuries, Neuro- Rehabilitation,
Digital Health

EMPLOYMENT PROFILE

PRESENT:

Ongoing Consultant in Spinal Injuries and Rehabilitation Medicine
Royal Bucks Hospital
Buckingham Road
Aylesbury
Buckinghamshire HP19
9AB
www.royalbucks.co.uk

I am on the GMC Specialist Register for Rehabilitation Medicine www.gmc-uk.org.
No 3268872

I have practising privileges as follows:

New Hall Hospital (Salisbury) www.newhallhospital.co.uk ,
Spire Hospital (Bushey) www.spirehealthcare.com/bushey/
Royal Buckinghamshire Hospital (Aylesbury) www.royalbucks.co.uk

PREVIOUS:

2013-2019: **Locum Consultant in Spinal Injuries and
Rehabilitation Medicine**
Salisbury Foundation NHS Trust
Odstock Road
Salisbury
SP2 8BJ
www.salisbury.nhs.uk

Sep 2013–Oct 2015: **Consultant in Spinal Injuries and Rehabilitation
Medicine**
Private Health Practice Avon Approach
Salisbury
SP1
www.privatehealthpractice.com

2003-May 2013: **Consultant in Spinal Injuries and Rehabilitation
Medicine**
Glenside Neuro-Rehabilitation Hospital
South Newton
Salisbury
SP2 0QD
www.glensidemanor.co.uk

- 1 Jan 99-14 Apr 09: **Consultant in Spinal Injuries and Rehabilitation Medicine**
Duke of Cornwall Spinal Treatment Centre
Salisbury District Hospital, Salisbury, Wiltshire SP2 8BJ
www.spinalinjurycentre.org.uk
- April 2009: I retired from the NHS at Duke of Cornwall Spinal Treatment Centre (Salisbury).
- 31 Dec 96-31 Dec 98: **Consultant in Rehabilitation Medicine**
(Neuro-Rehabilitation, Head Injuries) Lincoln District Healthcare NHS Trust
Department of Rehabilitation Medicine
Long Leys Road, Lincoln LNI IFS
- 1 Feb 94-30 Dec 96: **Senior Registrar in Rehabilitation and Spinal Injuries**
Royal National Orthopaedic Hospital, Stanmore, Middlesex.
- 1 June 93-31 Jan 94: **Staff Grade in Rehabilitation Medicine**
Royal Midland Counties Hospital, Leamington Spa
- 1 July 91-31 May 93: International Federation of Red Cross and Red Crescent Societies (Geneva)
Team Leader / Project Coordinator in Spinal Injury Project, Bucharest, Romania
- 1 Nov 88-30 June 91: International Committee of Red Cross (Geneva).
Head of Rehabilitation Programmes (Paraplegic Centre and Orthopaedic Limb Fitting Centre) in Pakistan

UNIVERSITY AFFILIATION

- 2007 – present: Visiting Professor
Centre for Postgraduate Medical Research and Education
Bournemouth University
Christchurch
Road
Bournemouth
BH1 3LT
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EDUCATION

1955-1964	Royal College Port Louis (Mauritius)
1966-1981	Bordeaux II University (Undergraduate Medical Studies) University of Toulouse (Doctorate in International Law) Bordeaux I University (Higher Studies in Political Science)
1985	Amiens University: MD thesis in Medicine.
1985	Started Specialisation in Rehabilitation Medicine (Paris)
1988	Moved to Stoke Mandeville Hospital (UK)
1994	Specialisation in Rehabilitation Medicine in UK (London Deanery)
1994	European Board Accreditation in Rehabilitation Medicine

QUALIFICATIONS, DIPLOMAS AND DEGREES

2003	Fellow of the Royal College of Physicians (FRCP)
1994	European Board Accreditation in Rehabilitation Medicine
1990	Diploma in Medical Rehabilitation - London
1985	M.D. (Doctorat d'Etat en Medecine) - Amiens, France
1981	Equivalent of MBBS (Bordeaux) - France
1985	CES (Specialist Degree) in Sports Medicine - Amiens, France
1979	WHO sponsored "Diplome d'Etudes Superieures en Ecologie Humaine" in Bordeaux (Human Ecology Studies)
1978	MSc in Human Biology (Maitrise de Biologie Humaine) Bordeaux- France.
1978	Diploma in Tropical Ecology and Epidemiology - France
1978	Political Sciences Postgraduate Studies - Bordeaux, France

1977	Ph.D. (Doctorat de droit) in <i>International Law</i> Toulouse (France)
1971	Diploma in International Studies - Toulouse, France

MEDICAL TRAINING POSTS:

1 Feb 94 - 30 Dec 96	Royal National Orthopaedic Hospital, Stanmore, Middlesex
1 Nov 87 - 31 Oct 88	National Spinal Injuries Centre, Stoke Mandeville Hospital
1 July 87 - 31 Oct 87	Centre of Hydrology and Climatology Rehabilitation Caunterets 65, France
1 Apr 86 - 1 July 87	Department of Rehabilitation, Asnieres 92, France General Rehabilitation
1 Apr 85 - 31 Mar 86	Centre de Reeducation Neurologique, Coubert, France 100 bed Neurological Rehabilitation Unit (Spinal Cord Injury)
1 Nov 84 - 31 Mar 85	Centre Jacques Arnaud, Bouffemont, France Spinal Cord Injury, Stroke, Acquired Brain Injury
31 Oct 82 - 31 Oct 84	Centre de Reeducation, Beauvais, France Orthopaedic and Neurological Rehabilitation

‘GLOBAL HEALTH’ TEACHING AND SERVICE ACTIVITIES (Sep 2016- May 2020)

- ❖ 12-14 February 2020: **Neuro-urology course:** Royal National Orthopaedic Hospital, Stanmore UK
- ❖ 6-7 March 2020: **Cauda Equina Syndrome Course:** Royal National Orthopaedic Hospital, Stanmore UK
- ❖ April 2020: **COVID 19** and disability:
Articles posted on www.neuram.org
- ❖ **NEUR**ological **R**ehabilitation **A**ction (**M**auritius). **NEURAM** Activities

www.neuram.org

Having carried out a research on the Needs Assessment in Neurological Rehabilitation in Mauritius and published the findings in December 2012 in Arch of Phys Med and Rehab, I decided to set up a Mauritian National Charity. I am therefore Co-Founder and Chairman of Neuram Foundation. Our purpose is to set up structured multi-disciplinary rehabilitation and train therapists, doctors, nurses in the care of the neurologically disabled. I have had numerous meetings with the officials of the Ministry of Health and Quality of Life to coordinate our efforts.

One project is to have a Specialist Training at the University of Mauritius in Neurological Rehabilitation.

In all publications and press releases I refer to my affiliation with the Visiting Faculty at Bournemouth University.

- ❖ 10- 13 October 2019: Guest speaker and Chair of Workshop sessions- Spinal Cord Society of India www.issicon.com

- ❖ 14- 15 July 2019: Spasticity Workshop at Victoria Hospital, Quatre Bornes-Mauritius
I organised this 'hands-on' workshop.
30 participants – 4 trainers. Mauritius Medical Council awarded 8 CPD points.

- ❖ 16-17 May 2018: NEURAM2018: First International Conference on Spinal Cord Injury in Mauritius.
I organised the above Conference and presented two scientific papers.
The opening ceremony was carried out by the President of the Republic of Mauritius.
The meeting was endorsed by World Federation of Neurorehabilitation, Government of Mauritius and Bournemouth University.
There were 100 delegates (mostly doctors, nurses and therapists). Royal College of Physicians and Mauritius Medical Council recognised the training and awarded CPD points.

- ❖ 14-15 May 2018: 'Hands-on' training workshop on Spinal cord Injury for Clinicians (doctors, nurses, occupational therapists and physiotherapists) in Mauritius.
There were 6 specialist trainers and 40 local attendees. Royal College of Physicians and Mauritius Medical Council recognised the training and awarded CPD points.

- ❖ 20- 21 February 2018: International Conference on Mauritius Diaspora, University of Mauritius. I was invited by the Vice-Chancellor of University of Mauritius to present a paper.
FROM MAURITIUS TO MAURITIUS: MY INTERNATIONAL JOURNEY INTO NEURO- REHABILITATION (oral presentation)
- ❖ 17 May 2017- Guest Speaker on “How Digital Health can help catastrophically injured people”- APIL (Association Of Personal Injury Lawyers) Advanced Brain and Spinal Cord Injury Conference- Warwick-UK
- ❖ October 2017: Attended the Annual Conference of “International Spinal Cord Society” (ISCOS) –Dublin – Ireland
- ❖ 27 September 2017: Speaker at the Cambridge Annual Medico-Legal Conference- Cloisters Cambridge
- ❖ September 2017: Launch of a workshop with Magic Fingers Association to train vulnerable adults- Mauritius
Manufacture of cushions and mobility aids
- ❖ 5th to 16th June 2017: Improving care for the disabled and the elderly.
Lectures in seven hospitals in Mauritius on Prevention and treatment of pressure ulcers.
Royal College of Physicians recognised the training and awarded CPD points.
- ❖ May 2017: Guest Speaker at the Annual Conference of APIL (Association of Personal Injury Lawyers)- on Severe Spinal Cord and Brain Injuries.
- ❖ September 2016- Presented a poster on Spinal Injury Care in Mauritius at Annual “International Spinal Cord Society” (ISCOS) in Vienna- Austria

PAPERS BEING SUBMITTED FOR PUBLICATION

1. Soopramanien A, Jamwal S, Thomas P- Can Digital Health Rehabilitation Improve access to care in Spinal Cord Injury?
submitted to International Journal of Telerehabilitation- June 2020

2. Soopramanien A Jamwal S – Telerehabilitation: Potential to transform care in Mauritius -Frontiers in Neurology- July 2020

3. The future place of telemedicine in neuro-rehabilitation (NR)
Support in the community for people with Spinal Cord Injury and Acquired Brain Injury. This paper will explore the use of AI in certain categories of patients.
Journal: International Journal on Telerehabilitation

4. Soopramanien A , Galvin K , Todres L, Vincent C, & Pain H. (2006).
Telemedicine in the follow-up of patients with Spinal Cord Injury:
Qualitative analysis

5. Soopramanien A, Holton V, & Vyas A. (2013). The potential of telehealth units for assisting those suffering from neurological conditions according to patients, carers, relations, and healthcare professionals.
Extended interviews and online questionnaires
The above are two studies that have been combined into one paper.

6. Thomas P., Allen H., Thomas S., Ward L., & Soopramanien A. (2013).
Evaluating the appropriateness of the CAREPORTAL® for use by patients with neurological impairments post-discharge (research funded by Technology Strategy Board).
Patient consultation (8 patients were assessed)
Journal: Telerehabilitation

FORTHCOMING NEURAM ACTIVITIES

1. INTERNATIONAL STROKE CONFERENCE
NEURAM 2020 MAURITIUS: 27-18 May 2020
Intercontinental Hotel, Balaclava, Mauritius
Stroke neuro-rehabilitation: *stroke awareness and prevention, multi-disciplinary treatment, maximising abilities.*

Postponed to May 2021 due to COVID 19.

2. WORKSHOP: 26 May 2020- University of Mauritius
Use of ultrasound and EMG for intramuscular injections for spasticity

3. LAUNCH of a mobile neuro-rehabilitation unit: purchase of equipment and training of local staff- May 2021.
Setting up a first mobile unit to offer neuro-rehabilitation services in the community in Mauritius

4. DEVELOP phase II of Mobility aids project, in association with Magic Fingers Association. March 2020
The lean-on project, a partnership project of Neuram and Magic Fingers: Phase II

ARTICLES PUBLISHED BY NEURAM IN MAURITIAN PAPERS

1. 02.06.20: Neuram, World Federation of Neurorehabilitation (WFNR) and COVID 19 in relation to Neurological Diseases- *Article appeared in l'Express daily newspaper.*

2. AVC (Accident Vasculaire Cerebral- STROKE)- revoir notre mode de vie. Anba Soopramanien
Article that appeared in Le Defi Media (daily newspaper in Mauritius)- 28.02.19

3. Handicap: rencontre internationale sur le traitement de la spasticite.
Article that appeared in Defi Media on 19.07.19

4. Role of the Occupational Therapist in the management of spasticity
Shiva Jamwal Head Occupational Therapist, Royal Bucks Hospital, Aylesbury, UK and NEURAM trainer. *Article appeared in l'Express (Mauritius) in July 2019*

MEMBERSHIPS OF PROFESSIONAL BODIES AND NGOs

- ❖ Chairman of the Affiliated Societies Committee (External Affairs Section) of the International Spinal Cord Society. (ISCOS)
- ❖ Executive member of the Telerehabilitation Section of World Federation of Neuro Rehabilitation (WFNR).
- ❖ Member of the Mauritius Diaspora Network (University of Mauritius)
- ❖ Founder member and Chairman NEURAM (**NEU**ro-**R**ehabilitation **A**ction (**M**auritius) www.neuram.org. NEURAM is a charity, which has been set up to offer neuro-rehabilitation facilities in Mauritius.
- ❖ Founder member and Chairman of NEURAM UK.
- ❖ Executive Member, African Spinal Cord Injury Network (AFSCIN)
- ❖ Fellow of the Royal College of Physicians (FRCP) www.rcplondon.ac.uk
- ❖ Fellow of the International Spinal Cord Society (ISCOS) www.iscos.org.uk
- ❖ Member of the British Society of Rehabilitation Medicine (BSRM) www.bsrm.co.uk
- ❖ Founder member and past vice-chairman Headway Salisbury
<http://www.salisburyheadway.co.uk>
- ❖ Past Trustee for Southern Spinal Injuries Trust (SSIT) www.ssit.org.uk (2007-16)
- ❖ Member of Academy- Mauritius Academy of Science and Technology_
www.interacademies.net/Academies/ByRegion/Africa/Mauritius.aspx

PUBLICATIONS / ACTIVITIES (1983- 2012)

- ❖ 1983: Participated in a workshop in Dakar (Senegal) under the auspices of UNESCO and presented a paper on “Blending Traditional and Modern Medicine”. (Pr Combart de Lauwe, Paris, called the meeting).
Book published.
- ❖ 1984: Member of working party on “Social Sciences and Health” (Pr Paul- Henry Chombart de Lauwe).
- ❖ 1985: Co-author in “Contribution aux etudes ethnobotaniques et

floristiques a la Dominique (Commonwealth of Dominica)”. This is within the series on

“Traditional Medicine and Pharmacopoeia” sponsored by ACCT. ACCT-402 p. ISBN 92.9028.081.6

- ❖ 1988-91: ICRC (International Committee of Red Cross). Head of Rehabilitation Services in Pakistan (Delegation for Afghan refugees) in Peshawar. Use of low- cost technology to treat spinal cord injured patients, in the purpose-built 100 bed unit; build wheelchairs, rehabilitation aids and worked closely with WHO and NGOs.
- ❖ 1991: Teaching in Indian Spinal Centre, on aspects of Spinal Cord Injuries.
- ❖ 1991: Many reports to the International Red Cross on Epidemiology and disease pattern (confidential and unpublished).
- ❖ 1991: Production of a film (spinal cord injury) on the Peshawar project (ICRC Geneva).
- ❖ 1991-1993: IFRC (International Federation of Red Cross). Setting up of Spinal Unit in Bucharest one day after Romanian Revolution. Headed a team of 9 expatriates, who trained staff to treat spinal cord injured to a high standard using low-cost technology. Organised for a British Charity (Motivation) - run by David Constantine, himself wheelchair dependent - to set up a local factory to build wheelchairs using local material (bicycle wheels, steel, etc) these wheelchairs are low-cost and by year 2005 more than 10,000 such wheelchairs had been produced.
- ❖ 1993: Wrote a chapter in book “Blinding Weapons” by ICRC (Geneva). Meeting of Experts. Chapter dealt with issues of war injuries (Spinal Cord Injuries) in Afghanistan.
 - ICRC- 372 p. ISBN 2-88145-048-2
- ❖ 1993: participated in an International Conference in Neurosurgery in Bucharest, produced videos and lectured on prevention of spinal cord injuries, treatment of spinal cord injuries using relatives of patients.
- ❖ Published 3 articles on Romanian Spinal Injury Project.
- ❖ Soopramanien A (1993) Red Cross Spinal Injury Project in Bucharest, Romania. Paraplegia 31: 521-6
- ❖ Soopramanien A (1994). Epidemiology of Spinal Injuries in Romania. Paraplegia 32:715-22. Nov
- ❖ Soopramanien A, Soopramanien K (1995): A medico-social survey of Romanians with Spinal Cord Injury. Paraplegia 33:49-54
- ❖ (1993 to 1997: concentrated on meeting the requirements to

become a Consultant in the UK and therefore did not participate in any further international activities.)

- ❖ 1998: Chair of a Lincoln County wide survey (with all continence nurses/advisers) on the use of long-term urinary catheters in the Community. Data presented in a Conference in Bristol in April 2005.
- ❖ June 2001, Reykjavik (Iceland): invited speaker in a meeting organised between Icelandic Health Authorities and WHO to explore treatment options for Spinal Cord Injury. It was an initiative to encourage collaboration between conventional medicine and other modalities of treatment. <http://www.healingtherapies.info/WHO.htm>
- ❖ As a consequence of this meeting, Dr. Gro Harlem Brundtland, Director-General, WHO has mandated the creation of a WHO Collaborating Centre to be located in Reykjavik, Iceland.
- ❖ Since that meeting a network was set up to include traditional and non-conventional treatment (e.g. offered by Mr Albert Bohbot, <http://www.laserpuncture.net> who uses Laserpuncture) to help Spinal Cord Injured patients.
- ❖ 2003: Chapter on Spinal Cord Injury in the Developing world, in the ABC of Spinal Cord Injury published by BMJ Publishing Group - June 2002.
 - BMJ Books- 88 p. ISBN 072791518
- ❖ 2003-2005: Focus has been on multi-centre research on Telerehabilitation (see below). www.thrive-project.net
- ❖ Anba Soopramanien, et al (2005) Using telemedicine to provide post discharge support for patients with spinal cord injuries. *J Telemed Telecare*. 2005;11 Suppl 1:68-70
- ❖ 2006 March: Guest speaker at Indian Spinal Cord Society (ISSICON) <http://scs-isic.com/issicon2006.htm> . One paper was “Can Telemedicine help in Spinal Cord Injury Management?” This is an area that I am exploring within an RCT, funded by European Union.
- ❖ Organised Outreach Conference to improve care of spinal cord injury in the community www.conventus.com/dostc.
- ❖ Soopramanien A et al: TeleMed and eHealth '06: Outcome from a randomised controlled trial of Tele-rehabilitation with spinal cord injured people.
- ❖ Pain, H, Soopramanien, A. et al (2007) “Outcomes from a randomised controlled trial of tele-rehabilitation for people with spinal cord injuries” in *Journal of Telemedicine and Telecare*, 13, (Supplement 1),

46-48.

- ❖ 2007: Produced a DVD on Management of Spinal Cord Injury. This DVD is now available on Spinal Cord Injury website: www.spinalinjurycentre.org.uk
- ❖ Soopramanien A & Pain H (09.02.07): The use of video-link technology as a tool in providing post-discharge support. Presentation to Salisbury District Hospital.
- ❖ Soopramanien A (16.03.07): Educational Supervisor for Wessex Deanery: Rehabilitation After Spinal Cord Injury.
- ❖ 24-25.05.07: Invited faculty on European Interschool on Wound Healing - Southampton University. www.conventus.com/interschool
- ❖ 25-28.09.07: Invited faculty for European Tissue Repair Society (ETRS) in Southampton. www.conventus.com/etrs
- ❖ Nov 2007: "This house believes that the contribution of eHealth is critical to the success of self care programmes" Debate at Royal Society of Medicine, London Proposers: Karl Stroetmann and Anba Soopramanien.
- ❖ Soopramanien A & Vandobona S (15.07.08): Rehabilitation Medicine SpR Training day on pressure ulcers and swallowing.
- ❖ Soopramanien A & Levene P (08.01.08): Briefing and Discussion Document Managing Patients with Spinal Cord Injury - Salisbury District Hospital.
- ❖ Soopramanien A & Holton V (28.11.08): Report on Outpatient feedback Technique) based in Paris. ACCT- Mauritius and Rodrigues 216 p. ISBN 92-9028-047-6 ACCT-Seychelles 186 p. ISBN 92-9028-038-7
- ❖ Dec 08: Laura Dallolio, Mauro Menarini, Sandra China, Manfredi Ventura, Andy Stainthorpe, **Anba Soopramanien**, Paola Rucci, Maria Pia Fantini "Functional and clinical outcomes of telemedicine in patients with spinal cord injury" in Arch Phys Med Rehabil. 2008 Dec ;89 (12):2332-41
- ❖ Soopramanien A (January 2009): Guest speaker in International Conference in Nantes on Brain Injury (France): "Traumatismes crâniens en Grande Bretagne".
- ❖ Soopramanien A: (12.01.09): Lecture for doctors in Salisbury: Fertility in Spinal Cord Injury.

- ❖ Soopramanien A (12.03.09): Document to Management of Spinal Centre, Salisbury District Hospital on “Telemedicine: the way forward”.
 - ❖ Soopramanien A (19.03.09): Presentation to the Heads of Department of Spinal Centre on “BID for Telemedicine- DOCSTC”.
 - ❖ Soopramanien A & King R (22.04.09): Presentation to Glenside Hospital for Neuro- Rehabilitation on “Telemedicine and Rehabilitation using Netviewer”.
 - ❖ Soopramanien A (03.05.09): Presentation to Glenside: “Innovations at Glenside. Using Telemedicine to enhance Clinical Care and communications”.
 - ❖ Soopramanien A (19.06.09): Oral presentation at annual Guttman Conference on Spinal Cord Injury - Cardiff - on “Using Telemedicine to improve services in Spinal Cord Injury”.
 - ❖ Soopramanien A & Maanoossi M (14.07.09): Supervised SpR audit on Urodynamics and neurologic bladder.
 - ❖ Soopramanien A (2010): “Traumatic Spinal Cord Injuries” in Medico-Legal Reporting in Orthopaedic Trauma by Foy and Fagg, Elsevier Ed. ISBN- 978-0- 443- 06833-1.
 - ❖ November 10: Produced a DVD on the Consequences of Spinal Cord Injury on Patients and Relatives/carers - (with Marcus Dillistone, Managing Director of Glory Films UK. www.glory.co.uk)
 - DVD is available on www.spinalinjury.tv/ . It has received an International award.
 - ❖ Soopramanien A (2011): “Assessment of swallowing and use of Percutaneous Endoscopic Gastrostomy (PEG)” Lecture at MS Trust Conference, Kenilworth (November 2011).
 - ❖ 15-17 March 2012: Attended 13th International Conference on Home Mechanical Ventilation- Barcelona- Spain.
 - ❖ Soopramanien A (2012): “Trauma Care in Countries with Few Resources” Lecture at BSRM (British Society of Rehabilitation Medicine) Summer Conference, Southampton (June 2012).
 - ❖ Soopramanien A (2012) “Pressure Ulcers in Neurologically Compromised Patients” in “Measurements in Wound Healing: Science and the Management” Ed, Pr Raj Mani (Southampton), Springer ed.- ISBN 978-1-4471-2986-8
 - ❖ Soopramanien A (July 2012) “Mauritius Calling: Medical Care and Neurorehabilitation Needs in an Oceanic Idyll” in Arch Phys Med Rehabil Vol 93: 2377-81- December 2012.
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- ❖ 02.11.2015 to 10.11.2015: 'Neuro-rehabilitation camp in Mauritius'. Soopramanien A, Jamwal S, Moeri-Brandalise J, Padaruth S, Paddison S, Pillay P Soopramanien K. Paper presented to the Minister of Health and Quality of Life, Mauritius.
- ❖ I have assisted in producing educational films, all available on my website: www.anbasoopramanien.com
<http://www.spinalinjurycentre.org.uk> download Outreach DVD.
www.spinalinjury.tv
www.choosingawheelchair.com www.telerehabilitation.co.uk
I have sponsored a section in the film: www.disabilityandthelaw.com

The "spinalinjury.tv" and 'choosingawheelchair.com' films won the 2012 and 2014 International Telly Award respectively, in the Charitable/Not-for-profit category.

RESEARCH ON TELEMEDICINE & TELEHEALTH (from 2003)

- ❖ Randomised controlled trial (RCT) on the use of Telemedicine in Spinal Cord Injured patients. 134 patients were recruited in the 3 countries: www.thrive-project.org. The study explored issues of **quality of life, cost benefit** and was completed on 31st October 2006. Results were published:
- ❖ 2005: Soopramanien A et al: "Using telemedicine to support spinal-injured patients after discharge" in Journal of Telemedicine and Telecare 2005; 11 (suppl.1): S1:68- 70
- ❖ 2006 Feb: Paper at the World Federation Of Neuro-Rehabilitation in Hong Kong on 13th: http://www.wfnr.co.uk/docs/congress_world.htm on "Telerehabilitation in Spinal Cord Injuries".
- ❖ 2006 March: Paper presented in Delhi "Can Telemedicine help in the management of Spinal Cord Injury?"
- ❖ 2007: Outcomes from a randomised controlled trial of tele-rehabilitation for people with spinal cord injuries.
Authors: Pain, Helen; Soopramanien, Anba; Dallolio, Laura; Prior, Reinhard; Menarini, Mauro; Ventura, Manfredi; Pia Fantini, Maria; Stainthorpe, Andrew.
Source: [Journal of Telemedicine and Telecare](#), Volume 13, Supplement 1, July 2007 pp. 46-48(3)
- ❖ December 2008 - Archives of Physical Medicine and Rehabilitation - Functional and Clinical Outcomes of Telemedicine in Patients With Spinal Cord Injury Laura Dallolio, Mauro Menarini, Sandra China, Manfredi Ventura, Andy Stainthorpe, Anba Soopramanien, Paola Rucci, Maria Pia Fantini, T.H.R.I.V.E.

Project pages 2332-2341

<http://www.archives-pmr.org/article/S0003-9993%2808%2901483-4/abstract>

- ❖ With the University of Bournemouth we carried out a qualitative analysis on the use of Telemedicine in our population, based on interviews that they will carry out on patients who have used the telemedicine kit. (“An evaluation of Telemedicine to provide post-discharge support for patients with spinal cord injury,”
 - Chris Vincent, Pr Kate Galvin, Pr Les Todres).

- ❖ ALIP2 Evaluation: 1st October 2009-31st December 2012, Evaluation of Health Hub to support patients with neurological disability and the elderly in the community.
<https://www.technologyprogramme.org.uk/extranet/competitions/InnovationPlatforms/ALIP2/Documents/TSBSmartCareEnvironment2.0.pdf>
As part of this evaluation I carried out an online consultation with professionals and service users using SurveyMonkey:
<http://www.surveymonkey.com/s/CN5767Y>
This evaluation was partly funded by Technology Strategy Board, a UK Government Agency. I was one of 6 lead investigators.

FUTURE PLANS: FROM RESEARCH TO MARKET VALIDATION FOR TELEMEDICINE IN THE UK AND BEYOND

Submitting:

- a review article for publication: Can telerehabilitation provide cost-effective follow-up care and advice for spinal cord injured individuals in the community and prevent secondary complications?
- A Randomised Control Trial. The research question is: can digital health improve access to specialist neurological rehabilitation in the community?
- An implementation proposal to offer:
 - ❖ Support to clinicians/hospitals for acute spinal cord injury and other neurological conditions.
 - ❖ Support to patients/relatives pending admission to a neurological centre.
 - ❖ Remote teaching on issues of neurological rehabilitation.

- ❖ Manning outreach clinics (with remote access to clinicians and diagnostic tools).
- ❖ Follow up of patients after discharge from hospital (face-to-face contact, and monitoring of vital signs with sensors).

Anba SOOPRAMANIEN

Stanmore 4th June 2020