

## CURRICULUM VITAE

- Name** : **HARI HARA DASH**
- Date of Birth** : February 20, 1950
- Official Address** : Emeritus Consultant  
, Neuroanaesthesiology and Neurocritical  
Care  
Fortis Memorial Research Institute,  
Sector 44, Gurgaon - 122002
- Home Address** : 1602/4, The Palms, South City 1,  
Sector30  
Gurgaon-122007
- Education** : 1. 1<sup>st</sup> year B.Sc. (Premedical) - 1968  
2. M.B.B.S. - 1973  
3. M.D. (Anaesthesiology) - 1977  
4. NAMS - 2010
- Honours and Awards** : 1. Honours & Gold Medal in Anatomy  
2. Gold Medal in Surgery  
2. Best Review Article award in 2006.  
Annual Conference of Indian Society of  
Anaesthetists. Dec. 26-30, Mysore.

**International Award: 2010 teacher of the year award by International Society of Neurosciences Anesthesiology and Critical Care held at San Diego, USA (15 Oct 2010)**

**Life Time Achievement Award by the Indian Society of Neuroanaesthesiology and Critical Care in the 25<sup>th</sup> Annual Conference of ISNACC at Pune Jan 2023**

### Postgraduate Training and Residency

1. 01-07-74 to 30-06-75 1<sup>st</sup> year Residency in Anaesthesia and Surgery, Safdarjung Hospital, New Delhi.
2. 16-08-75 to 31-12-75 2<sup>nd</sup> year Residency in Anaesthesia (Diploma), Safdarjung Hospital, New Delhi.
3. 01-01-76 to 31-12-77 2<sup>nd</sup> and 3<sup>rd</sup> year Residency (M.D. Anaesthesiology), AIIMS, New Delhi.

4. 02-01-78 to 10-06-81 Senior Residency in Anaesthesiology, AIIMS, New Delhi.

### **Educational Positions**

1. 02-09-2017 till continuing Emeritus Consultant, Neuroanaesthesiology and Neurocritical Care, Fortis Memorial Research Institute Gurugram
2. 02-07-2012 to 01-09-2017 Director and Head, Deptt. of Anaesthesiology and Pain Medicine Fortis Memorial research Institute Gurgaon
3. 01-04-06 to 30-06-2012 Chief, Neurosciences Centre, AIIMS, New Delhi.
4. 01-06-02 to 31.05.04 Senior Consultant, Anaesthesiology Khoula Hospital, Ministry of Health, Muscat, Oman
5. 01-09-93 to 31.05.12 Professor & Head, Dept. of Neuroanaesthesiology, AIIMS, New Delhi.
6. 01-01-89 to 31-08-93 Additional Professor in Neuroanaesthesiology, AIIMS New Delhi.
7. 01-01-86 to 31-12-88 Associate Professor in Neuroanaesthesiology, AIIMS, New Delhi.
8. 29-09-84 to 22-06-87 Assistant Professor (on Deputation) Ministry of External Affairs, India Indira Gandhi Inst. of Child Health, Kabul, Afghanistan.
9. 01-03-84 to 27-09-84 Assistant Professor in Anaesthesiology, AIIMS, New Delhi.
10. 13-06-81 to 29-02-84 Lecturer in Anaesthesiology, AIIMS, New Delhi.

### **Academic Achievement**

1. ISNACC fellowship in Neuroanaesthesiology started from Jan 2015 at Fortis Memorial Research Institute, Gurugram
2. Super-specialty course in Neuroanaesthesiology D.M. was started first in India at AIIMS by me in 2002.
3. For growth and development of Neuroanaesthesiology in India. The Indian Society of Neuroanaesthesiology and Critical Care (ISNACC) was formed in 1999 by me.

### **Administrative Responsibilities**

- |  |   |                          |
|--|---|--------------------------|
| 1. Director and Head,<br>Deptt. of Anaesthesiology and Pain Medicine<br>Fortis Memorial research Institute<br>Gurgaon                        | - | 02-07-2012 to 01-09-2017 |
| 2. Chief of Neurosciences Centre   | - | 01-04-2006 – 30-06-2012  |
| 3. Superintendent of Hostels, AIIMS  | - | 12-12-2007 – 30-06-2012  |
| 4. Head of the Dept. of Neuroanaesthesia   | - | 01-01-1991 – 30-06-2012  |
| 5. Acting Director, Indira Gandhi Inst. of<br>Child Health (IGICH), Kabul, Afghanistan.  | - | 01-02-1987 - 01-06-1987  |
| 6. Head of Neuroanaesthesiology Section and<br>developed Neuroanesthesia services at<br>Khoula Hospital, Ministry of Health, Muscat,<br>Oman | - | 01-06-02 - 31.05.04      |

### **Fellowships and Training**

- Visiting Intensive Care unit of Dr. Peiry Curie Hospital, Paris, France – June 9-12, 2009
- Hands on training in use of mild hypothermia for the management of severe head Injury. Department of Traumatology, University Medical School, Osaka, Japan, June 18-July 4, 1999).
- Training in clinical use of Mild Hypothermia for the management of severe head injury. Dec. 12-18, 1996, University College of Medicine, Pittsburg, USA
- WHO Fellow in Neuroanaesthesiology and Neuro Intensive Care - 12 weeks (USA and Canada) – April to June, 1993.
  - UCSD, SANDIEGO, CALIFORNIA
  - University of Washington, Seattle, Washington
  - Saint Mary’s Hospital, Mayo Clinic, Rochester
  - University Hospital, London, Ontario, Canada.

### **Visiting Professor**

1. Department of Anaesthesiology, University college of Medicine, Busan, South Korea. November 15-17, 2013.
2. Department of Anaesthesiology, College of Medicine Nara University Japan June 7-9, 2011.
3. Department of Anaesthesiology, Dhaka Medical College, Dhaka, Bangladesh, Oct 1-5, 2006.
4. Department of Anaesthesiology, University Medical Schools, Osaka, Japan, Dec. 3-6, 2005.
5. Anaesthesiology and Intensive Care Departments, University Hospital, London, Ontario, Canada, May 28-June 2, 2000.
6. Department of Pain and Palliative Care, Sloan Kettering Cancer Center, New York, USA, May 24-27, 2000.
7. Department of Traumatology, University Medical School, Osaka, Japan, June 18-July 14, 1999).
8. Visiting Professor to Department of Neuroanaesthesia and Neurointervention, Columbia University, New York, USA, Dec. 5-7, 1997.
9. Department of Anaesthesiology, University College of Medical Sciences, Banaras Hindu University, Banaras, India, Oct. 3-7, 1996.
10. Department of Anaesthesiology, Manipal Medical College, Manipal, India, Nov. 3-8, 1995.

### **Invited Orations**

1. Prof. G. R. Gode Oration – 13<sup>th</sup> Annual Conference of the Indian Society of Neuroanaesthesiology and Critical Care Bhopal, Feb 8-10, 2012.
2. Prof. V.A. Punnoose Oration – Annual Meeting of the Indian Society of Aesthesiology, Delhi Branch, New Delhi, April 2009.
3. Prof. Hariwir Singh Oration – 8<sup>th</sup> National Conference of Indian Society of Neuroanaesthesiology and Critical Care, New Delhi, Feb. 9-11, 2007.
4. Dr B.K. Sharma Oration – Annual Conference of Indian Society of Resuscitation and Critical Care, New Delhi, 18<sup>th</sup> Dec. 2005.
5. Prof. Venkat Rao Oration – Annual Conference of Indian Society of Anaesthesiologists, Coimbatore, Tamil Nadu, India, Dec. 26-30, 2002.
6. Prof. Prior Oration – Christian Medical College, Ludhiana, Nov. 4<sup>th</sup>, 2001
7. Jaipur Annual IMA Oration – Jaipur, Rajasthan, India, Nov. 9<sup>th</sup> 1999.

### **Invited Scientist**

1. International Scientist to attend Postgraduate Assembly- Annual Conference of the New York State Society of Anaesthesiology, New York, USA – Dec. 7-11, 1996.

2. International delegate from India to attend the Luxemburg Symposium on Esmeron – Phase III Clinical Trial – Luxemburg – Jan. 28-29, 1995.

### **Membership in Professional and Scientific Societies**

1. Indian Society of Anaesthetists
2. Research Society of Anaesthesiology and Clinical Pharmacology
3. Neurological Society of India
4. Indian Society of Neuroanaesthesiology and Critical Care
5. Asian Oceanic Regional Anaesthesia Society
6. Asian Society of Neuroanaesthesia and Critical Care
7. International Society of Neurosciences and Critical Care

### **Reviewer of International and National Anaesthesia Journals**

1. International Journal of Critical Care Medicine
2. International Journal of Emergency Medicine
3. Anesthesiology (Journal of American Society of Anesthesiologists)
4. Anesthetic Analgesia (Journal of International Research Society of Anesthesiologists)
5. Indian Journal of Anaesthesia
6. Indian Journal of Medical Research.
7. Indian Journal of Anaesthesiology and Clinical Pharmacology
8. Indian Journal of Thoracic & Cardiovascular Surgery
9. Journal of Neurosurgical Anesthesia

### **Member of the Selection Committee for Selection of Junior and Senior Faculties**

- 1) Member of the Selection Committee for the selection for the faculties at Nizam's Institute of Medical Sciences, Hyderabad
- 2) National Institute of Mental Health & Neurosciences (NIMHANS), Bangalore
- 3) Union Public Service Commission (UPSC)
- 4) North Eastern Indira Gandhi Institute of Health & Medical Sciences (NEIGRIHMS), Shillong.
- 5) Member of the Academic Committee for Dept. of Anaesthesia, Aligarh Muslim University, Aligarh, U.P..
- 6) Member of the Academic Committee for Dept. of Anaesthesia, Banaras Hindu University, Varanasi, U.P.

### **Organisational Activities**

1. Elected **President of Asian Society of Neuroanaesthesiology & Critical Care 2013-15**
2. Selected as Organizing Committee Chairman of the Asian Society of the Asian Society of Neuroanaesthesiology & Critical Care Conference to be held at Delhi, 2011.

3. Organizing Chairman – 8<sup>th</sup> Annual Conference of Indian Society of Neuroanaesthesiology and Critical Care, New Delhi, Feb. 9-11, 2007.
4. **President Elect** - Indian Society of Neuroanaesthesiology and Critical Care – 1999-2001.
5. Organised the Symposium on Brain Protection in the 49<sup>th</sup> National Conference of Indian Neurological Society, Chennai (December 15, 2000).
6. Member of the Scientific Committee of International Trauma Conference – Indian Chapter, held at Delhi (November 17-20, 2000).
7. Organised the Neuroanaesthesia Symposium on “Anaesthetic Management of Supratentorial Mass Lesions” in the 1998 Annual Conference of Indian Society of Anaesthetists – Kathmandu.
8. **Organising Secretary** – International Update on Neurosciences, AIIMS, New Delhi (November 21-23, 1998)
9. **Organising Secretary** – WHO Workshop on Palliative Care, AIIMS, New Delhi (October 25-26, 1997).
10. **Organising Secretary** – International Symposium on Neurointensive Care & Neuroanaesthesia. (February 18-19, 1995) AIIMS, New Delhi.
11. **Secretary** – Indian Society of Anaesthetists (Delhi Branch), 1992-1993.
12. **Organizing Secretary** of Neuroanaesthesiology Symposium – Annual Conference of Indian Society of Anaesthetists, Bangalore, December 93.

### **Editorial Position**

1. Editorial Board member of Journal of Neurosurgical Anesthesia.
2. Editor-in-Chief:- News Letter, Indian Society of Neuroanaesthesiology and Critical Care - 2005
3. Member of the Editorial Board of the Journal of Neurosurgical Anesthesiology (USA).
4. Member of the Editorial Board - Indian Journal of Anaesthesia 1999 – continuing
5. Member of the Editorial Board – Journal of Anaesthesiology Clinical Pharmacology 1994 - continuing
6. Editor - News Bulletin, Indian Society of Anaesthetists (Delhi Branch) 1992-1993
7. Editor - Journal of Anaesthesiology Clinical Pharmacology - 1990-93

### **Lectures Delivered in International Universities**

1. Hyperventilation: Is it useful in neuroanaesthetic practice? University College of Medical, Seoul, March 15, 2008.
2. Recent advances in the management of postoperative vasospasm following intracranial aneurysm surgery, Kirk Patrick Neuroanaesthesia Symposium Soroka Medical Centre, Beer-Sheva, Israel, Nov. 27-28, 2007.
3. Management of patients with Trigeminal Neuralgia – Dept. of Anaesthesiology, University Medical School, Osaka, Japan, 6<sup>th</sup> Dec. 2005.
4. Management of patients with Head and Neck Pain – Memorial Sloan Kettering Hospital, New York, USA (May 26, 2000).
5. Intensive care management of patients with severe head injury – Department of Traumatology, University Medical School, Osaka, June 2, 1999.
6. Brain protection during and following head injury – Department of Anaesthesiology Siri Raj Hospital, Mahidol Univ., Bangkok, Thailand, December 12, 1997.
7. Complications following posterior fossa surgery in sitting position. Rig's Hospital, Copenhagen, Denmark – June 20, 1991.
8. Paediatric Anaesthesia set up in India. University Children's Hospital, Helsinki, Finland, July 1, 1991.
9. Cardiopulmonary Resuscitation. Kabul University, Kabul, Afghanistan, December 10, 1986.
10. Pathophysiology and management of haemorrhagic shock, Kabul University, Kabul, Afghanistan, December 11, 1986.

### **Papers presented in International Conferences**

1. Dash H.H. Preparing for the greying tsunami: perioperative brain health. Moderate the scientific session and delivered the concluding remarks. Invited to Neuroanaesthesia Symposium 2023 combined with Anaesthesiology Updates 2023, 7-9 July Borneo Convention Centre, Kuching, Malaysia
2. Dash H.H. Invited lecture: ERAS protocol in Neurosurgery in 19<sup>th</sup> Indonesia Anaesthesia Symposium 17<sup>th</sup> August 2022
3. Dash H.H. Invited lecture: Meningitis and Encephalitis recent trends in ICU management in 2<sup>nd</sup> Biennial Neuro ICU Symposium Indonesia – Singapore Jan 22-23 2022

4. Dash H.H. Invited lecture: Controversies in Neuroanaesthesia and Neuro ICU, in 18<sup>th</sup> Indonesia Anaesthesia Symposium Jan21-23 2021
5. Dash H.H. Management of patients with head trauma: what's new in India? 47<sup>th</sup> Annual Congress of Society of Neurosciences and Critical Care(SNACC), Phoenix, Arizona, USA Sept 12-14 2019
6. Dash H.H. Research in Neuroanaesthesia: is it useful? 6<sup>th</sup> ASNACC Conference, March 15-17 2019 Nara, Japan
7. Dash H.H. Teaching and training program in neuroanaesthesia and neurocritical care in India. 46<sup>th</sup> Annual Congress of Society of Neurosciences and Critical Care(SNACC), San Francisco, USA Oct 11-12, 2018
8. Dash H.H. Regional anaesthetic technique for the management of intracerebral vasospasm. 14<sup>th</sup> Asian Oceanic Society of Regional Anaesthesia Pain Medicine Conference, October 17-19, 2017 Manila, Philippines
9. Dash H.H. Comparative evaluation of anhydrous glycerol rhizotomy and radiofrequency ablation of Gasserian Ganglion in the management of Trigeminal Neuralgia. 14<sup>th</sup> Asian Oceanic Society of Regional Anaesthesia Pain Medicine Conference, October 17-19, 2017 Manila, Philippines
10. Singh B, Dash H.H., et al. New approach to quadratus lumborum(QL)block for post-operative pain relief. 14<sup>th</sup> Asian Oceanic Society of Regional Anaesthesia Pain Medicine Conference, October 17-19, 2017 Manila, Philippines
11. Dash H.H. Anaesthetic concerns in awake craniotomy. World Congress of Anesthesiologists 28<sup>th</sup> Aug-2<sup>nd</sup> Sept 2016, Hong Kong
12. Dash H.H. Growth of Neuroanaesthesia in India. World Congress of Anesthesiologists 28<sup>th</sup> Aug-2<sup>nd</sup> Sept 2016, Hong Kong
13. Dash H.H, Gupta N. Emergence following neuroanaesthesia. 14th Asian Australasian Congress of Anaesthesiology, Auckland, New Zealand 21-25 February 2014.
14. Rath G, Mahajan C, Chauhan R, Dash H, Suri A. Effect of intraoperative brain protection with propofol on postoperative coagulation in patients undergoing temporary clipping during intracranial aneurysm surgery. *J Neurosurg Anesthesiol* 2013; 25: 458.
15. Prabhakar H, Dash H.H, Bithal P.. Coagulation abnormality after aneurysmal subarachnoid hemorrhage during perioperative period as detected by ROTEM thromboelastograph. (TEG). *J Neurosurg Anesthesiol* 2013; 25: 459.
16. Praruetham S, Krishnamurthy V, Prathep S, Sharma D, Vavilala M, Mock C, Mahapatra A, Gupta D, Dash HH. The Indo US collaborative head injury adherence to guidelines (CHIRAG) project feasibility clinical characteristic and interim results. *J Neurosurg Anesthesiol* 2013; 25: 481-2.



17. Dube S, Mahajan C, Rath G, Sharma M, Dash HH. Reason for elective ventilation in patients undergoing intracranial tumor surgery. *J Neurosurg Anesthesiol* 2013; 25: 492
18. Management of patients with neuralgic pain of the face. Lecture delivered in the 12<sup>th</sup> Asian & Oceanic Society of Regional Anaesthesia & Pain Medicine held at Kuching, Malaysia 19-22 June 2013.
19. Role of Nitrous Oxide in Neuroanaesthetic practice. Lecture delivered in the 3<sup>rd</sup> Asian society of Neuroanaesthesiology and Critical Care Conference held at Bali, Indonesia 22-23<sup>rd</sup> Feb 2013.
20. Recent trends in the percutaneous procedures of pain relief in the management of Trigeminal Neuralgia. Lecture delivered in the World Congress on Regional Anaesthesia & Pain Therapy, held at Sydney, Australia 03-07 Feb 2013.
21. Cranio-facial Pain: its management. Lecture delivered in the 15<sup>th</sup> World Congress of Anesthesiologists' held at Buenos Aires, Argentina 25-30<sup>th</sup> March 2012.
22. Does Nitrous Oxide during neuroanaesthesia influences brain ischemia and infection markers during and following supratentorial craniotomy? Paper presented in the Annual conference of International Society of Neurosciences Anesthesia and Critical Care, Washington DC, USA 12-13 Oct 2012.
23. Recent advances in the management of postoperative intracerebellar vasospasm. Lecture to be delivered in the 13<sup>th</sup> Asian Australasian Congress of Anaesthesiologists at Fukuoka, Japan (June 1<sup>st</sup> – 5<sup>th</sup>, 2010).
24. N2O vs, compressed air in neuroanaesthesia. 7<sup>th</sup> International Annual Meeting of Indonesian Society of Obstetric Anaesthesia & Regional Anaesthesia & Pain Medicine held at Jakarta, Indonesia (Feb. 17<sup>th</sup> – 20<sup>th</sup>, 2010).
25. Drugs in Neuroanaesthesia: Role of Inhalational Agents. 2<sup>nd</sup> International Anaesthesia Symposium held at Guangzhou, China (Jan. 8<sup>th</sup> – 10<sup>th</sup>, 2010).
26. Residual paralysis, reversal or neuromuscular block and developments in neuromuscular pharmacology. Asia-Pacific Neuromuscular Block Management Expert Meeting (APNEM) held at Taipei, Taiwan (Sept. 18<sup>th</sup> – 20<sup>th</sup>, 2009).
27. Comparative Evaluation of Percutaneous Retrogasserian Glycerol Rhizolysis and Radio Frequency Coagulation for Treatment of Trigeminal Neuralgia. XXVIII Annual European Society for Regional Anaesthesia Congress held at Salzburg, Austria (Sept. 9<sup>th</sup> – 12<sup>th</sup>, 2009).
28. Role of regional anaesthesia in the management of postoperative cerebral vasospasm following intracranial aneurysm surgery. XXVIII Annual European Society for Regional Anaesthesia Congress held at Salzburg, Austria (Sept. 9<sup>th</sup> – 12<sup>th</sup>, 2009).
29. Symposium on Neuro Critical Care Medicine held at Paris (June, 9<sup>th</sup> – 12<sup>th</sup>, 2009).

30. Development of Neuroanaesthesia in India. 1<sup>st</sup> Asian Congress of Neuroanaesthesia and Critical Care (ASNACC) – Beijing, China (Nov. 28<sup>th</sup> – 1<sup>st</sup> Dec. 2008).
31. Perioperative complications and anesthetic concerns during repair of myelomeningocele. 1<sup>st</sup> Asian Congress of Neuroanaesthesia and Critical Care (ASNACC) – Beijing, China (Nov. 28<sup>th</sup> – 1<sup>st</sup> Dec. 2008).
32. A comparison of three anesthetic techniques for transsphenoidal resection of pituitary tumors. 1<sup>st</sup> Asian Congress of Neuroanaesthesia and Critical Care (ASNACC) - Beijing, China (Nov. 28<sup>th</sup> – 1<sup>st</sup> Dec. 2008).
33. Recent advances in the management of intracerebral vasospasm. Annual Conference of Korean Society of Neuroanaesthetic. Seoul, March 2008.
34. Recent trends in the management of post operative intracerebral vasospasm following aneurysm clipping, 9<sup>th</sup> Biennial Congress of Asian & Oceanic Society of Regional Anaesthesia and Pain Medicine and 66<sup>th</sup> National Conference of Australian Society of Anaesthetists, Perth, Australia, Sept.14 -18, 2007.
35. Management of vasospasm following intracranial aneurysm surgery. Joint workshop on Neuroanaesthesia and Critical Care. Indonesian Society and Singapore at Batam, Indonesia (Feb. 23-25, 2007).
36. Trigeminal ganglion block for management of patients with Trigeminal Neuralgia. Joint Workshop on Neuroanaesthesia and Critical Care. Indonesian & Singapore Society, Batam, Indonesia (Feb. 23-25, 2007).
37. Effect of Stellate ganglion block on cerebral haemodynamics measured by Extracranial Doppler Ultrasound. Annual Conference of American Society of Anesthesiologists, Atlanta, USA (Oct. 22-26, 2005).
38. Trigeminal Neuralgia: Invited lecture. Dept. of Anaesthesiology, University College of Medical Sciences, Osaka University, Osaka, Japan (6<sup>th</sup> Dec. 2005).
39. Promoting regional anaesthesia in Asianic and Oceanic region. 8<sup>th</sup> Biennial Congress of Regional Anaesthesia. Asianic and Oceanic Society, Chiba, Japan (Dec. 7-10, 2005).
40. Does egress of CSF at the time of needle placement during percutaneous retrogasserian glycerol rhizotomy (PRGR) influence long term pain relief? – 8<sup>th</sup> Biennial Congress of Regional Anaesthesia, Chiba, Japan (Dec. 7-10, 2005).
41. Evacuation of head trauma victims. World Congress of Anaesthesiologists. Paris, France (April 11-15, 2004)
42. Trigeminal ganglion block workshop. 7<sup>th</sup> Biennial Congress of Asian and Oceanic Society of Regional Anaesthesia and Pain Medicine. Bangkok, Thailand (Nov. 18, 2003).
43. Basic principles of Neuroanaesthesia. Oman Forum of Neurosurgeons. Muscat, Oman (Nov. 18, 2003).

44. Medical management of SAH – Guest Lecture. 11<sup>th</sup> Asian & Australasian Congress of Anaesthesiologists, Kuala-Lumpur, Malaysia (July 10-13, 2002).
45. Management of a child with posterior fossa tumour: a case discussion. World Congress of Anaesthesiologists, Montreal, Canada (June 4-9, 2000).
46. Availability of drugs in the developing countries: Symposium on Pharmacoeconomics: World Congress of Anaesthesiologists, Montreal, Canada (June 4-9, 2000).
47. Workshop on Management of a head injured patient with cervical spine injury: World Congress of Anaesthesiologists, Montreal, Canada (June 4-9, 2000).
48. Bithal PK, Dash HH et al: Venous air embolism – its impact on patients outcome. Annual Conference of American Society of Anaesthesiologists, San Francisco, USA (October 2000).
49. Protecting the brain of a head injured patient. Head Injury conference, Muscat, Oman (April 19-20, 2000).
50. Anaesthesia for cerebral aneurysm. 6<sup>th</sup> Pan Arab Congress on Anaesthesia – Abu Dhabi, UAE (January 17-21, 2000).
51. Management of head trauma with cervical spine injury 6<sup>th</sup> Pan Arab Congress on Anaesthesia, Abu Dhabi, UAE (January 17-21, 2000).
52. Treatment of Trigeminal Neuralgia – 5<sup>th</sup> Biennial Congress Asian and Oceanic Society of Regional Anaesthesia, New Delhi (Oct. 29-Nov. 2, 1999).
53. Anaesthesia for Neurointerventional procedures – Anaesthesia vs sedation. 1<sup>st</sup> Euro Neuro, Genk, Belgium (Feb 5-7, 1998).
54. Balachundhar S, Dash H.H.: Percutaneous retrogasserian glycerol injection in the Management of Trigeminal Neuralgia: Long-term follow up results. 26<sup>th</sup> Annual meeting of Society of Neurosurgical Anaesthesia and Critical Care, Orlando, Florida, U.S.A. (Oct. 16-17, 1998).
55. Kathirvel S., Bhatia A., Dash H.H. et al: Postoperative nausea & vomiting after elective craniotomy. 26<sup>th</sup> Annual meeting of Society of Neurosurgical Anaesthesia and Critical Care, Orlando, Florida, U.S.A. (Oct. 16-17, 1998).
56. Senthilkumar S., Balachundhar S., Kathirvel S., Dash H.H.: Role of Ondansetron in preventing postoperative nausea and vomiting (PONV) after craniotomy in children. 26<sup>th</sup> Annual Meeting of Society of Neurosurgical Anaesthesia and Critical Care, Orlando, Florida, U.S.A. (Oct. 16-17, 1998).
57. Intensive care management of patients with Neuromuscular disorders. International Update on Neurosciences, New Delhi, India (Nov. 21-23, 1998).

58. Chaturvedi A., Dash H.H. et al: Stellate Ganglion Blockade with alcohol for the treatment of upper limb causalgia. Annual Meeting of Society of Neurosurgical Anaesthesia and Critical Care, San Diego, U.S.A. (Oct. 1997).
59. Chaturvedi A., Dash H.H. et al: Central venous cannulation through arm veins in pediatric neurosurgical patients. Annual Meeting of Society Neurosurgical Anaesthesia and Critical Care, San Diego, U.S.A. (Oct. 1997).
60. Brain protection in patients with head injury. 10<sup>th</sup> Asean Congress of Anaesthesiology, Chiangmai, Thailand (Dec. 1997).
61. Comparative evaluation of esmolol and lignocaine for suppression of intubation response in patients undergoing neurovascular surgery. 10<sup>th</sup> Asean Congress of Anaesthesiology, Chiangmai, Thailand (Dec. 1997).
62. Bithal P.K., Dash H.H. et al: Hemodynamic changes to skull pins fixation in pediatric patients: effects of Xylocaine infiltration of scalp. Annual Meeting of the International Society of Anaesthesiologists, Washington D.C., U.S.A. (April 1996).
63. Anaesthetic management of a head injured patient with cervical spine injury. 11<sup>th</sup> World Congress of Anaesthesiologists, Sydney, Australia (April 14-20, 1996).
64. Anaesthetic management of patients undergoing intracranial aneurysm surgery. 2<sup>nd</sup> SACA Congress of Anaesthesiology, Colombo, Sri Lanka (August 1995).
65. Management of patients with Trigeminal Neuralgia. 2<sup>nd</sup> SACA Congress of Anaesthesiology, Colombo, Sri Lanka (Aug. 1995).
66. Evaluation of an indigenous ventilator during Anaesthesia. 2<sup>nd</sup> SACA Congress of Anaesthesiology, Colombo, Sri Lanka (Aug. 1995).
67. Vishnoi N., Dash H.H. et al: Hemodynamic changes to nasal speculum insertion during transsphenoidal hypophysectomy. 23<sup>rd</sup> Annual Meeting of Society of Neurosurgical Anaesthesia and Critical Care, Atlanta, GA, U.S.A. (Oct. 20-21, 1995).
68. Pathophysiology and management of venous air embolism. International Congress on Recent Advances in Anaesthesiology, Trivandrum, Kerala, India (Oct. 28-30, 1994).
69. Blink reflex studies in patients with Trigeminal Neuralgia. International Pain Conference, Delhi, India (Nov. 1993).
70. Trigeminal Neuralgia – its management. Indo US Workshop, Chandigarh, India (Jan. 17-19, 1992).
71. The neuromuscular pharmacology of chandonium iodide in anaesthetized patients. Symposium on muscle relaxants. International Congress of Anaesthesiology, Delhi, India (Oct. 31-Nov. 3, 1991).
72. Monitoring of pneumocephalus and tension pneumocephalus – A prospective study – 21<sup>st</sup> Congress, Trondheim, Norway (June 24-28, 1991).

73. Comparative evaluation of airway pressure (AWP) monitoring with ETCO<sub>2</sub> for detection of venous air embolism (VAE). 21<sup>st</sup> Congress, Trondheim, Norway (June 24-28, 1991).
74. Fluoroscopic imaging for monitoring tension pneumocephalus. Annual Meeting of American Society of Anaesthesiologists (ASA), New Orleans, USA (Oct 14-18, 1989).
75. Tension pneumocephalus following posterior fossa surgery performed in sitting position. A prospective study – 9<sup>th</sup> International Congress of Neurological Surgery, New Delhi, India (Oct 8-13, 1989).
76. Bithal P.K., Dash H.H. et al: Venous air embolism during neurosurgical procedure performed in sitting position. 9<sup>th</sup> International Congress of Neurological Surgery, New Delhi, India (Oct 8-13, 1989).

### **LIST OF PAPERS PUBLISHED**

1. Chabeli S, Dash HH. Practice changing articles in Neuroanaesthesiology and Neuro Critical Care in recent years. A literature Review. *Neurol India* 2021;69:573-577.
2. Prakash PS, Jain V, Dash HH. Erector Spine Plane Block at the T12 Level May Not Provide Good Postoperative Pain Relief Following Lumbosacral Spine Surgery *J Neurosurgical Anesthesiol*: 2021; 33: 93-94.
3. Negi C, Dash HH, Singh B. A Case Report of Paravertebral Block: A Safe Alternative for Microdiscectomy in a Pregnant Patient. *Anesth Analg Pract*. 2019; 12: 349-351.
4. Abhijit Lele, Nithya Kannan, Monica S Vavilala, Deepak Sharma, Mahmud Mossa-Basha, Kwesi Agyem, Charles Mock, R M Pandey, H H Dash et al: Patients Who Benefit from Intracranial Pressure Monitoring without Cerebrospinal Fluid Drainage After Severe Traumatic Brain Injury. *Neurosurgery* 2019; 85: 231-239.
5. Nandi R, Redhu S, Patir R, Dash HH. Sudden and persistent bradycardia: An unexpected indicator of pin site extradural hematoma in a pediatric patient. *J Neuroanesthesiol Crit Care* 2018; 5: 187-189.
6. Dash HH, Chavali S. Management of traumatic brain injury patients. *Korean J Anesthesiol*. 2018 ; 7: 12-21.
7. Haldar R, Bhagat H, Toshniwal GR, Dash HH. Conventional axillary rolls in prolonged neurosurgical procedures: Time for reconsideration. *Asian J Neurosurg*. 2017; 12: 583-584. doi:
8. Sokhal N, Rath GP, Chaturvedi A, Singh M, Dash HH. Comparison of 20% mannitol and 3% hypertonic saline on intracranial pressure and systemic hemodynamics. *J Clin Neurosci*. 2017 Aug; 42:148-154.

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