



Asian Congress of Neurological Surgeons - Young Neurosurgeon Committee (ACNS YNS)

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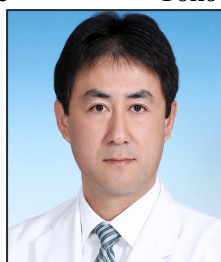
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Formation of ACNS YNS-

Asian Congress of Neurological Surgeons - Young Neurosurgeon Committee (ACNS YNS) was established as a subcommittee under ACNS on August 2020 during the COVID Pandemic storm under the blessings of Prof. Yoko Kato (President ACNS). Prof. Azmi Alias is the main mastermind behind the establishment of the YNS Committee. During the Annual Executive Board meeting of ACNS in July 2020, Prof. YOKO KATO proposed the idea of the formation of the

ACNS YNS Committee. After approval by all committee members, the ACNS recruitment board was formed headed by Prof. Azmi Alias and coordinated by Dr. Sachin Chemate & Dr. Liew Boon Seng. For the recruitment of the YNS members, the Presidents of Neurosurgical Societies of Asian and Non-Asian countries were called to recommend two best YNS (1 male and 1 female) from their countries. At present committee has 35 members (11 females and 24 male) from 23 countries (Figure 1). To ensure a global perspective, Prof. Yoko Kato has taken a personal interest to have equal representation of both men and women neurosurgeons, across all continents. The recruitment is still in process and the committee wants to recruit members from all the countries in Asia.

Mission of ACNS YNS –

The Committee aims *"to improve education, knowledge, research, surgical skills and career opportunities for young neurosurgeons in Asia and worldwide"* to align with the ACNS mission of improving standards of Neurosurgery.

Objectives of ACNS YNS –

1. To bring all the young neurosurgeons in Asian countries together and grow together
2. To organise education activities to improve the knowledge and surgical skills of young neurosurgeon across the globe
3. To encourage and improve research capability among the young neurosurgeons
4. To recruit, train and organise centres for the ACNS fellowship programme in order to provide more career opportunities for young neurosurgeons.

Responsibilities of ACNS YNS –

Dr. Sachin Chemate (Chair ACNS YNS) has formed the basic framework for the activities of the ACNS YNS Committee. The committee works in three different groups.

1. Research Group – headed by Dr. Liew Boon Seng, responsibilities of this group are
 - a. To assist young neurosurgeons in developing their research capacity through training in clinical research methodology and critical appraisal.
 - b. To encourage young neurosurgeons to publish research articles and newsletters in the Asian Journal of Neurosurgery (AJNS), which is an official journal of ACNS
 - c. To enrol young neurosurgeons from various countries through their YNS representatives for various surveys and multicentre trials and form a conclusion statement about the management and surgical techniques
 - d. To improve access to neurosurgery Journals in MIC and LMIC
2. Multimedia Group - headed by Dr. Sachin Chemate, responsibilities of this group are
 - a. To conduct educational webinars for mentorship development, guest lectures and case discussion along with expert faculties around the globe.
 - b. To manage social media platform in order to provide a friendly environment to YNS for case discussion, update on recent treatment guidelines, issues of training in neurosurgery and advertisement of Societies' activities.
3. Connect Group - headed by Dr. Soichi Oya, responsibilities of this group are
 - a. To recruit, train and organise centres for ACNS fellowship programme in order to provide more career opportunities for young neurosurgeons.

- b. To conduct hands-on simulations workshop, Cadaver workshop and live surgery seminars.
- c. To recruit more member to ACNS
- d. To contribute to the success of the annual ACNS conference



Figure 1 – ACNS YNS Committee Organisation chart

Activities done by the committee in last 1 year since the establishment of Committee-

- 1. Online education Activities** - The educational activities of the ACNS-YNF came into the limelight with the organizing of the resident and master series of webinars. These programs were a master child of President Prof. Yoko Kato under whom the YNF were provided with the wings to fly. Today the webinars are a huge hit and are attended by more than 100 participants every week and are growing steadily. Till now we have conducted more than 10 workshops (Figure 2) which are available on ACNS YouTube Channel and ACNS Website. The theme of educational webinars to have one expert guest faculty and one YNS Speaker to talk on the same topic followed by a question and answer session at the end.



Figure 2 – ACNS YNS Webinar conducted in past

- 2. Finding solutions to difficult problems** – The YNS members of the ACNS are in constant touch with each other through social media platform and committee board meeting thrice a year, where we have continuous interaction about the impact on neurosurgery training due to the COVID pandemic, challenges in difficult surgical cases and their management.
- 3. ACNS Myanmar Support Team**– The core members of ACNS expressed their deep concern about the current state of emergency in Myanmar and the detention of elected members of government since 1st February 2021. The core committee of ACNS has urged United Nations to act immediately against any act of violence and to re-establish fundamental freedom in Myanmar. ACNS reaffirmed their strong commitment and support towards the medical fraternity and Myanmar Neurosurgical Society. As per the direction of Society President Prof. Yoko Kato, ACNS-MYANMAR INTERNATIONAL SUPPORT TEAM (Figure 3 – Logo of ACNS- Myanmar Support Team) was formed headed by Dr. Sachin Chemat to look into the needs of the people in Myanmar. As a part of the activity of this team, one educational webinar was conducted on 9th May 2021. Prof. Russell J. Andrews was invited to talk on the current issue of Myanmar. More than 30 neurosurgery residents and young neurosurgeons from Myanmar attended this webinar and had interactions with Prof. Russell J. Andrews on various issues. In order to encourage the education and knowledge, ACNS Committee has proposed a short term fellowship programme at ACNS Fellowship centres for 4 YNS from Myanmar which will be fully sponsored by ACNS. Prof. Myat Thu, President of Neurosurgical Society of Myanmar has recommended one young female neurosurgeon to be a part of the ACNS YNS Committee.




Figure 3 – Logo of ACNS- Myanmar Support Team

4. **ACNS Afghanistan Support Team** – To support low resource countries is one of the main objectives of the ACNS organisation. In order to support Neurosurgery in Afghanistan, Prof. Yoko Kato has suggested forming an "ACNS-AFGHANISTAN SUPPORT GROUP" (Figure 4 - Logo of ACNS-Afghanistan Support Group) headed by Dr. Sachin Chemate. ACNS has collaborated with WFNS Global Neurosurgery Committee to support Neurosurgery in Afghanistan headed by Dr. Adam Ammar. As a part of the activity of this team, one educational webinar was conducted on 26th May 2021. Prof. Tariq Khan (from Pakistan), Dr. Adam Ammar (WFNS, Global Neurosurgery Committee, Afghanistan Support head) and Prof. Fawad Pirzad (President, Neurosurgical Society Afghanistan) were invited to talk on the current status of neurosurgery in Afghanistan. Prof. Pirzad presented the difficulties and problems faced by them. This talk was chaired by Prof. Robert Dempsey who congratulated, appreciated and encouraged Prof. Pirzad and neurosurgeons from Afghanistan for working in recourse constrained situation. He also proposed a few recommendations for the involvement of WFNS GNC and ACNS for support of neurosurgery in Afghanistan. In order to encourage education and knowledge, ACNS Committee has proposed a short term fellowship programme at Apollo Hospitals, Chennai for 2 YNS, 1 neuro-nurse and neuro-anesthetist from Afghanistan which will be fully sponsored by ACNS. ACNS will be conducting an educational webinar to encourage education in Myanmar and Afghanistan with expert faculties across the globe on the 2nd and 4th Sunday of every month (Figure 5 - ACNS-Afghanistan-Myanmar Support 1st Webinar on 13th June).




Figure 4 - Logo of ACNS-Afghanistan Support Group





ACNS–YNS Monthly Education Webinar for YNS
 ASIAN CONGRESS OF NEUROLOGICAL SURGEONS – YOUNG NEUROSURGICAL ASSOCIATION
 Monthly Webinar Series every 2nd and 4th SUNDAY 2021 (Japan time: 19:30 /
 Afghanistan time: 15:00 / Myanmar time: 17:00 / Indian time: 16:00)
ACNS-Afghanistan-Myanmar Support
 Sunday, 13th June 2021

Patron	
 Prof. Fawad Pirzad President, Neurosurgical Society of Afghanistan Chief, Department of Neurosurgery Altabad University Hospital, Prof. Kabul University of Medical Science Afghanistan	 Prof. Yoko Kato MD, Ph.D. President, ACNS Editor-in-chief, Asian Journal of Neurosurgery Chair, Education and Training WFNS First Chair, WFNS Women in Neurosurgery Professor, Dept. Neurosurgery, Fujita Medical University, Japan
 Prof. Myat Thu President, Neurosurgical Society of Myanmar Chief, Department of Neurosurgery Department of Neurosurgery, Medical University Yangon, Myanmar	

Guest Speaker	Guest Speaker	YNS Speaker	YNS Speaker
 Prof. Mustafa K. Baskaya MD Robert J. Dempsey Professor in Neurological Surgery Director of Skull Base Surgery Program Director of Microsurgery & Neuro-anatomy Skill Laboratory, University of Wisconsin Medical School & Public Health Topic: Micro neurosurgery training from lab to operating room: tips and advices	 Prof. Katsumi Takizawa MD, Ph.D. Director, Dept. of Neurosurgery Japanese Asahikawa Red Cross Hospital Topic: Anterior clinoidectomy; no-drill technique and clinical application	 Dr. Ahmad Reshad Payenda MD 2 nd year neurosurgery resident, Altabad Teaching Hospital, Afghanistan Topic: Case Presentation – Neurological complications due to dorsal spine compressive fracture, management and prognosis-a case report	 Dr. Htet Win Kyaw MBBS, M.Med.Sc Department of Neurosurgery Mandalay General Hospital Mandalay, Myanmar Topic: Case Presentation – Posterior Fossa Lesion in 9 years old child

Moderators			
 Dr. Liew Boon Seng Deputy Secretary ACNS Chair, ACNS-YNS	 Dr. Sachin Chemate In Charge, ACNS-Myanmar-Afghanistan Support Co-Chair, ACNS-YNS	 Dr. Heba Mohamed Azouz Member, ACNS-YNS	 Dr. Reiko Ashida Member, ACNS-YNS


www.streamtech.in/ACNS-YNS

<https://youtube.com/c/OneTechnosoft>





Figure 5 - ACNS-Afghanistan-Myanmar Support 1st Webinar on 13th June

WFNS – ACNS YNS Collaboration – ACNS has partnered with WFNS in the past in many activities

1. **WFNS YNF Webinar** – WFNS YNF webinars are series of the webinar conducted and moderated by members of WFNS YNF Members, wherein they invite some expert faculty to educate and mentor young neurosurgeons across the globe. As a part of this webinar series, Prof. Azmi Alias (Advisor of ACNS YNS) was invited by WFNS YNF Committee to talk on "Endoscopic neurosurgery of the intracranial potential spaces – Practical tips and tricks to young neurosurgeons" (Figure 6). This webinar was conducted on 9th January 2021 which was

moderated by Dr. Sachin Chemate who is a member of WFNS YNF and Co-chair of ACNS YNS.



Figure 6 – WFNS YNF Webinar

2. **ACNS – WFNS Global Neurosurgery Committee Partnership** – To meet the common objective of improving the status of neurosurgery in MIC and LMIC, ACNS-Afghanistan Support Group (headed by Dr. Sachin Chemate) has collaborated with the WFNS GNC committee supporting neurosurgery in Afghanistan (headed by Dr. Adam Amar).
3. **Research and Methodology** - The demographic study reveals that half of the world population lives in Asia but the contribution to world neurosurgery in terms of publication and research is no way near that. WFNS can collaborate with regional/continental YNS Committees like ACNS in training research methodology and building research capacity through multicentric multicontinental RCTs, Clinical Surveys and Meta-analysis.
4. **World YNS Congress** – WFNS Congress and WFNS Symposia used to be the most honourable platform for YNS for the presentation of their research work & surgical skills, learning newer updates in neurosurgery, travelling for academic purpose and making and meeting friends across the border. It was nothing less than an academic festival for YNS. But due to the ongoing COVID pandemic, WFNS has not conducted any conference since January 2021. And looking at current COVID situations, it may not allow us to conduct such any such conference for at least the next 1 year. Even the WFNS Fellowships are on hold. This was a big academic loss of young neurosurgeons. In order to keep up the spirit of YNS across the globe, ACNS proposes the idea of "1st Virtual World YNS Congress" – an academic event for 2 days exclusive for YNS on a virtual platform. Having conducted more than 150 webinars including 1st Virtual ACNS Congress, ACNS has the potential and technological capacity to host this "1st Virtual World YNS Congress".