

## CURRICULUM VITAE

# Chingiz Shashkin M.D.



### **DATE OF BIRTH**

2 of August 1978

### **NATIONALITY**

Kazakhstan (ethnic – Kazakh)

### **PASSPORT NUMBER**

N08033198

### **PLACE OF BIRTH**

Almaty-city, Kazakhstan

### **FAMILY**

wife, son (2009), daughter (2013)

### **PRIVATE ADDRESS**

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### **PRESENT POSITION**

Senior neurosurgeon and Head of the Stereotactic and Functional Unit, Vascular and Functional Neurosurgery Department, the National Center for neurosurgery, Astana, Kazakhstan.

### **ACADEMIC DEGREE**

Candidate of medical sciences

## **PROFESSIONAL INTERESTS AND SKILLS**

Deep brain stimulation for movement disorders (200 cases)

Ablative surgery (pallidotomy and thalamotomy) for movement disorders

Surgery for pain syndromes:

- ✓ microvascular decompression for trigeminal neuralgia,
- ✓ disc removal surgery for disc herniation,
- ✓ radiofrequency ablation for backpain, trigeminal neuralgia
- ✓ spinal cord stimulation for failed back surgery syndrome, neuropathic pain,
- ✓ sacral nerve stimulation for pelvic pain and bladder disorders

Spasticity surgery: neurotomy, rhizotomy, DREZ-tomy.

Epilepsy surgery: vagus nerve stimulation

## **LANGUAGE SKILLS**

Russian – fluent,

Kazakh – fluent,

English – IELTS scores: listening 5,5; reading 6,0; writing 5,5; speaking 6,0; overall band score 6.0; CEFR Level B2.

## **BASIC EDUCATIONS (BACHELOR DEGREE):**

1995-2001 – Akmola State Medical Academy, Astana, Kazakhstan.

## **POSTGRADUATE TRAININGS:**

2017 (September, 18-22) – master-class “Microsurgery of the vascular brain lesions using fluorescent angiography (ICG)”, mentor – Professor Kenichiro Kikuta, chairman of the Neurosurgery Department of the University of Fukui, Japan, Location – Astana, Kazakhstan.

2017 (August, 20-25) – WFNS 16. World Congress of Neurosurgery, Istanbul, Turkey. 33 European CME Credits (ECMEC®s).

2017 (June 12 – July 12) – “Functional Neurosurgery”, Observership, University of Toronto, Toronto Western Hospital, under supervision of Prof. Andres Lozano.

2017 (June, 4-8) – 21st International Congress of Parkinson’s Disease and Movement Disorders at Vancouver, BC, Canada, awarded 35.0 AMA PRA Category 1 Credits™.

2016 (April, 14-16) – “Noble Art of Lesioning” Functional Neurosurgery Training Course, National Hospital for Neurology and Neurosurgery and UCL Institute of Neurology, Queen Square, London, UK.

2015 (February 18-19) – International seminar “Международный семинар «Overcoming of pharmacoresistency in the pediatric and adults Epileptology. Vagus nerve stimulation”. Mentor - Christos Baltogiannis, chairman of the Neurological Department and Center of Diagnostic and Epilepsy Surgery of the hospital Iaso General, Athens, Greece. Almaty, Kazakhstan.

2015 (November, 5-7) – DWEP Educational Course “Movement Disorders” by Movement Disorders Society, (faculty: Joaquim Ferreira, Eduardo Tolosa, Angelo Antonini, Olivier Rascol, Pille Taba). Location – Astana, Kazakhstan.

2015 (July, 6-8) – EANS Course, Spine, Vascular, Astana, Kazakhstan.

2015 (June, 8-12) – master class “Functional Vertical Parasagittal Hemispherotomy”, by Prof. Olivier Delalande, Departament of pediatric neurosurgery and epilepsy surgery, Rotschild Foundation Hospital, Paris, France.

2015 (May, 1-3) – 1<sup>st</sup> Regional DBS Meeting, Zadar, Croatia.

2014 (October-November) – Fellowship “Spasticity surgery” Acibadem Kozyatagi, Istanbul, Turkey. Mentor Prof. Memet Ozek

2014 (September, 24-26) – Master-class “Epilepsy in children: from basic knowledge to modern approach to treatment. Basic questions of Epilepsy surgery”, 32 CU, Astana, Kazakhstan, by Johan Holthausen, ILAE-TASK-Forse Pediatric Epilepsy Surgery, Germany. Location – Astana, Kazakhstan.

2014 (May, 19-23) – Workshop “Vagus nerve stimulation in the treatment of patients with pharmaco-resistant epilepsy” by Prof. Feridun Acar, Neurosurgery Department, Pamukkale University, Denizli, Turkey. Location – Astana, Kazakhstan.

2014 (April 7-18) – master-class “ Intraoperative neuromonitoring in neurosurgery”, mentor - Klaus Novak, Chairman of the Intraoperative Neurophysiology Lab of the Neurosurgery Department, AKH Wien, Medical University of Vienna. Location – Astana, Kazakhstan.

2013 (December 9-13) – training-course “Sacral neuromodulation for pelvic disorders correction”, mentor Dr. Johann Wachter, Sozialmedizinisches Zentrum, Vienna, Austria. Location – Astana, Kazakhstan.

2013 (May, November) – Astana, Kazakhstan, Master-classes for Movement Disorders by Ass. Prof. Feridun Acar and Goksemin Acar, Neurosurgery Department, Pamukkale University, Denizli, Turkey.

2013 (August) – Master-class for Presurgical evaluation and patients selection for Epilepsy surgery by Dr. V. Chadaev. Location – Astana, Kazakhstan.

2013 (September-October) - Training Course “Functional Neurosurgery” in Pamukkale University Hospital, Denizli, Turkey. Mentor – Prof. Feridun Acar

2013 (February, 25 – March, 01) – Ethics of biomedical research, Medical University Astana.

2013 (August, 5-17) – “Vascular Neurosurgery”, Training Course in Astana by Prof. Arimantas Tamasauskas, Neurosurgery Department, Lithuanian University of Health Sciences. Location – Astana, Kazakhstan.

2013 (November, 4-8) – Course “Stereotactic Functional Neurosurgery” in Astana by Dusan Urgosik, MD, PhD, Deputy Head Stereotactic and Radiation Neurosurgery Na Homolce Hospital, Prague.

2013 (May) - EANS Training Course. Location – Astana, Kazakhstan.

2013 (June) – Training Course “DBS for movement disorders”, Pecs, Hungary.

2013 (April) – Training course “Leksell Stereotactic Neurosurgery for Leksell Stereotactic System Users” Amsterdam Medical Center, Netherlands.

2012 – Training course for Spinal Cord Stimulation Maastricht, Netherlands.

2012 (June 27 – July 2) – master-class “Skull base surgery”, mentor – Professor Ziegfried Vogel, Chairman of the minimally invasive neurosurgery Meyo Clinic, Berlin, Germany. Location – Astana, Kazakhstan.

2011 (November, 01-14) – Training-course “Trauma and diseases of the spine and spinal cord”, Astana, Kazakhstan.

2011 (September) – 15<sup>th</sup> Congress of Continuous Education of the Brazilian Society of Neurosurgery (conducted with 14<sup>th</sup> Interim Meeting of the WFNS), Pernambuco, Brazil.

2011 (May) – WFNS Course. Location – Astana, Kazakhstan.

2011 (April) – WFNS Course, Odessa, Ukraine.

2011 - EANS Course, Vascular, Tallinn, Estonia.

2010 – one-month Internship, General Hospital of Vienna, Neurosurgery Department, Austria.

2010 (November 1-7) – master-class “Microsurgery of the skull base tumors with multimodal neuromonitoring”, mentors Professor Nicolas de Tribolet, Evaldas Cesnulis, Miroslava Bozinovic-Bijeljic, Switzerland. Location – Astana, Kazakhstan.

2009 (September 14-19) – Seminar “Pediatric neurosurgery” with participation of Professor W. Khachatryan, V. Borovikova (Russian research neurosurgical institute of named after A. Polenov”, Saint-Petersburg, Russia. Location – Astana, Kazakhstan.

2009 – Study and Certificate of Independent Expert in Neurosurgery. Location – Astana, Kazakhstan.

2005-2007 – graduate-school on Medico legal of the Astana Medical Academy.

2007 - Diagnostic, First Aid and Surgical Treatment of the Traumas of the Central and Peripheral Nervous Systems, Neurosurgery Chair of the Almaty State Doctors’ Development Institute, Almaty-city, Kazakhstan.

2005, 2007 - “Neurosurgery” Seminars, Salzburg, Austria.

2004 - The First Specialization on Neurosurgery, Neurosurgery Chair of the Almaty State Doctors’ Development Institute, Almaty-city, Kazakhstan.

2004 y. - Spinal Injuries and Diseases Neurosurgery Chair of the Almaty State Doctors’ Development Institute, Almaty-city, Kazakhstan.

2004 - Cerebrovascular Diseases’ Diagnostic and Treatment, Neurosurgery Chair of the Almaty State Doctors’ Development Institute, Almaty, Kazakhstan.

2001-2002 – Neurosurgery Internship in Neurosurgery Department of the Research Institute of Traumatology and Orthopedics, Astana, Kazakhstan.

## **HISTORY OF WORKING**

2013-current time – Senior neurosurgeon of the Stereotactic and Functional Unit, Vascular and Functional Neurosurgery Department, the National Center for neurosurgery, Astana, Kazakhstan.

2010-2013 – Director for Development, National Center for neurosurgery

2009-2010 – Chairman of the General Neurosurgery Department in the Republican Scientific Center of Neurosurgery (now National Center for neurosurgery)

2008-2009 – Managing Director for Development of the Republican Scientific Center of Neurosurgery (now National Center for neurosurgery)

2008-2009 – Medical Director of the Republican Scientific Center of Neurosurgery (now National Center for neurosurgery)

2007-2008 – Neurosurgeon of the Pediatric Neurosurgery Department of the National Scientific Center of the Mother and Child (Astana, Kazakhstan)

2006-2007 – Neurosurgeon of the Neurosurgery Department of the Central Railway Hospital (Astana, Kazakhstan)

2005-2008 – Neurosurgeon of the “Meiryam” Private Hospital (Astana, Kazakhstan)

2002-2005 – Neurosurgeon of the Neurosurgery Department of the Research Institute of Traumatology and Orthopedics (Astana, Kazakhstan)

## **RESEARCH**

2004-2007 Clinical and medicolegal aspects of the cervicooccipital trauma’s estimation (degree of the candidate of medical sciences defended)

## **PROFESSIONAL LEADERSHIP POSITIONS**

Chairman of the Movement Disorders Society – Eurasia (MDS-Eurasia), Astana, Kazakhstan.

### **MEMBERSHIP TO SOCIETIES**

The Kazakh Association of Neurosurgeons (KAN)

The European Association of Neurosurgical Societies (EANS), N 957

Asian Congress of Neurological Surgeons

“SVS Nevro - Move of phisicians and patients for fighting with severe neurological diseases and epilepsy” NGO

International Parkinson and Movement Disorders Society (MDS), ID 40710

European Society of Stereotactic and Fuctional Neurosurgery (ESSFN)

Movement Disorders Society – Eurasia (MDS-Eurasia) – Chairman.

### **AWARDED GRANTS**

International Parkinson and Movement Disorders Society (MDS) (2018) – 16000 USD for DWEP Educational Course in Almaty, Kazakhstan (1-2 of March, 2018)

International Parkinson and Movement Disorders Society (MDS) – free participation in 21<sup>st</sup> MDS Congress in Vancouver, Canada, 4-8 of June, 2017.

International Parkinson and Movement Disorders Society (MDS) (2015) – 15000 USD for DWEP Educational Course in Astana, Kazakhstan (5-7 of November, 2015)

International Parkinson and Movement Disorders Society (MDS) (2015) – free participation in 19<sup>th</sup> MDS Congress in San-Diego, USA

The American Austrian Foundation – neurosurgical seminars in Salzburg (2005 and 2007 1 week each) and observership on neurosurgery under Prof. Engelbert Knosp supervision in AKH, Viena (4 weeks in 2010), Austria (by Weill Medical College and Cornell University)

### **ORGANIZING ACTIVITIES**

Organising Committee member (as Technical Director) of DWEP Educational Course in Almaty, Kazakhstan (1-2 of March, 2018).

Organising Committee member (as Co-organiser) of the “Month of Parkinson’s disease” Public Action (27 of March – 14 of April, 2017) in the National Center for neurosurgery.

Organising Committee member (as Co-organiser) of the Educational Course for neurologists “Diagnistic and Treatment of the Movement Disorders” (10-14 of April, 2017) in the National Center for neurosurgery.

Organising Committee member (as Co-organiser) of the Educational Course for neurologists “Diagnistic and Treatment of the Movement Disorders” (29 of February – 4 of March, 2016) in the National Center for neurosurgery.

Organising Committee member (as Technical Director) of DWEP Educational Course in Astana (5-7 of November, 2015).

Organising Committee member (as Secretary) of the X Congress ACNS 2014

Organising Committee member (as Secretary) of the EANS Training course 2013, 2015 in Astana, Kazakhstan.

Organising Committee member (as Secretary) of the WFNS Course, Astana, 2011.

Organising Committee member (as Secretary) of the Republican Scientific Conference with international participation, Aktau, Kazakhstan, 2010.

Organising Committee member (as Secretary) of the First, Second and Third Congresses of Neurosurgeons of Kazakhstan with international participation, Astana, Kazakhstan, 2009, 2012, 2015.

### **CERTIFICATES, HONORS AND AWARDS**

2014 – “Best Doctor of the Year” Award, National Center for neurosurgery

2014 – Certificate of appreciation for the invaluable contribution to the grand success of the 10th Asian Congress of Neurological Surgeons.

2011 – Medal for Huge contribution to healthcare of the Republic of Kazakhstan, Ministry of Health of the Republic of Kazakhstan

2009 – Certificate for Huge contribution, National Center for neurosurgery

### **REPORTS**

1. «Neurosurgical treatment of the Movement Disorders», Practical Conference “Demyelinating and Degenerative Diseases of the central nervous system”, 25 of November, 2017, Shymkent, Kazakhstan.

2. «Possibilities of the Functional Neurosurgery», Republican academic conference with international participation “Neurology – vectors of the developments”, 23-24 of November, 2017, Karaganda, Kazakhstan.

3. «Complications of Deep Brain Stimulation. Avoidance and Management», WFNS 16. World Congress of Neurosurgery, 20-25 of August, 2017.

4. «Thalamic Tumors», SeENS International Neurosurgery Course, 18-20 of August, 2017.

5. «Possibilities of the Functional neurosurgery», TEDxSemey Talks, 29 of April, 2017.

6. «Neurosurgical treatment of the Parkinson’s Disease», “The Days of the High Technological Medical Care in Petropavlovsk, Kazakhstan” practical symposium, Petropavlovsk, Kazakhstan, 19-21 of April, 2017.

7. «Neurosurgical treatment of the Parkinson’s Disease», Educational Course for neurologists “Diagnostic and Treatment of the Movement Disorders” (10-14 of April, 2017)

8. “Complications of Deep Brain Stimulation. Avoidance and management. A few important lessons from my practice”. Oral presentation, International Conference on Complications in Neurosurgery, Mumbai, India, 3-5 of March, 2017.

9. “Deep brain stimulation for movement disorders in Kazakhstan”, E-Poster presentation, the 2<sup>nd</sup> International Conference on Deep Brain Stimulation, Dusseldorf, Germany, (16 of March, 2016)

10. «Neurosurgical treatment of the Parkinson’s Disease», Educational Course for neurologists “Diagnostic and Treatment of the Movement Disorders” (29 of February – 4 of March, 2016)

11. «Neurosurgical treatment of the Parkinson’s Disease», DWEP Educational Course “Movement Disorders”, 5-7 of November, 2015, Astana, Kazakhstan.

12. “Experience of the neurosurgical treatment of the Parkinson Disease”, Oral presentation, V Scientific practical conference with international participation “Kaishibaev’s readings”, 8-10 of October, 2015, Almaty, Kazakhstan.

13. “Neurosurgical treatment of the Parkinson’s Disease”, Oral presentation on the International Education Forum “Neurology Update in Kazakhstan”, 7-8 of September, 2015, Almaty, Kazakhstan.

14. "Neurosurgical treatment of the Parkinson Disease", Oral presentation on the III International Congress of Neurological Surgeons of Kyrgyzstan", 21-22 of August, 2015, Cholpon-Ata, Kyrgyzstan.
15. "Deep brain stimulation in the Republic of Kazakhstan", Poster presentation, 19th International Parkinson's Disease and Movement Disorders, June 14-18, 2015) San Diego, CA, USA.
16. "Deep brain stimulation for movement disorders", Oral Presentation, the 6<sup>th</sup> Asian Congress of Neurological Surgeons Educational Course in collaboration with NESON & Walter E. Dandy Neurosurgical Society, Chitwan, Nepal, February, 10-12, 2015.
17. "Deep brain stimulation for Parkinson disease", Oral Presentation, X Asian Congress of Neurological Surgeons, Astana, September, 9-12, 2014.
18. "Deep brain stimulation for Parkinson disease treatment", Poster presentation, Congress of ESSFN 2014, Maastricht, the Netherlands, September 17-20, 2014.
19. "Deep brain stimulation in the Republic of Kazakhstan", Poster presentation, 15th European Congress of Neurosurgery (EANS 2014) Prague, Czech Republic, October 12-17, 2014.
20. "Deep brain stimulation for movement disorders treatment", Oral Presentation, International Scientific conference "Innovative methods of neurosurgical treatment", Neurosurgery Department of Almaty State Doctors' Development Institute, Almaty, April, 30, 2014.
21. "Our experience of Deep brain stimulation for Parkinson disease treatment", Oral Presentation, the 1<sup>st</sup> Congress of neurosurgeons of Uzbekistan, Bukhara, April, 25-26, 2014.
22. "Deep brain stimulation for Parkinson disease treatment", Oral Presentation, Scientific conference with international participation "Actual questions of neurosurgery and neurology", West-Kazakhstan State Medical University named after Marat Ospanov, Aktobe, April, 24-25, 2014.
23. "Deep brain stimulation for Parkinson disease treatment", Oral Presentation, International Scientific conference "Innovations in medical education, research and clinical practice", Medical University Astana, Astana, September, 5, 2014.
24. "Surgical treatment of motor disorders", IV Scientific and practical conference with international participation of "Kaishibayevs reading: Current problems of neurology", Kazakh Medical University of continuing education, Department of Neurology, Almaty, October, 3-4, 2014.
25. "Deep brain stimulation for movement disorders", Oral presentation, International Scientific conference in the 1st Congress of neurologists of Kazakhstan, Astana, October 23-25, 2013.

## **PUBLICATIONS**

1 Vadim Akhmetzhanov, **Chingiz Shashkin**, R. Kaiyrzhanov. "Parkinson's disease. Standards for treatment and rehabilitation of Parkinson's disease", *News of the National Academy of sciences of the Republic of Kazakhstan of the Institute of Plant Biology and Biotechnology. Series of Biological and Medical*, 2(320), March-April, 2017, Almaty, NAS, RK, P. 34-46. (on English).

2 Serik Akshulakov, **Chingiz Shashkin**, Yerbol Makhambetov, Botagoz Djamantayeva, Vadim Akhmetzhanov, Azat Shpekov, "Deep brain stimulation for movement disorders treatment", *News of the National Academy of sciences of the Republic of Kazakhstan of the Institute of Plant Biology and*

*Biotechnology. Series of Biological and Medical*, 5(317), September-October, 2016, Almaty, NAS, RK, P. 30-35 (on English).

3 Vadim Akhmetzhanov, **Chingiz Shashkin**, Talgat Kerimbayev, "Parkinson Disease. Diagnostic criteria. Differential diagnosis", *Journal "Neurosurgery and Neurology of Kazakhstan"*, №4, P.18-25 (2016) (on Russian).

4 **Chingiz Shashkin**, Serik Akshulakov, Botagoz Djamantayeva, Vadim Akhmetzhanov, Azat Shpekov, Zhomart Komarov, "Deep brain stimulation for movement disorders in Kazakhstan", *Clinical Neurophysiology*, Vol. 127, No.9. *Abstracts of the 2<sup>nd</sup> International Conference on Deep Brain Stimulation, Dusseldorf, Germany*, March 15-16, 2016, (on English).

5 Vadim Akhmetzhanov, **Chingiz Shashkin**, Botagoz Djamantayeva, "Parkinson Disease. Pathophysiology of the extrapyramidal system. The modern view to cause and pathogenesis of parkinsonism", *Journal "Neurosurgery and Neurology of Kazakhstan"*, №2, P.44-51 (2016) (on Russian).

6 **Chingiz Shashkin**, Serik Akshulakov, Zhomart Komarov, "Deep brain stimulation for Parkinson Disease in Kazakhstan", *Abstracts of the XIX International Congress of Parkinson's Disease and Movement Disorders*. P. 348. (2015) (on English).

7 Serik Akshulakov, Yerbol Makhambetov, **Chingiz Shashkin**, Azat Shpekov, "Neurosurgical treatment of the Parkinson Disease", *Materials of the IV Scientific practical conference with international participation "Kaishibaev's readings: actual problems of neurology"* – Almaty, P. 52-55 (2014) (on Russian).

8 Serik Akshulakov, Yerbol Makhambetov, **Chingiz Shashkin**, Azat Shpekov, Zhomart Komarov, "Neurosurgical treatment of the Parkinson's Disease". *Materials of the Scientific practical conference "Innovations in the medical education, research and clinical practice"*, Medical University of Astana, P. 23-25 (2014) (on Russian).

9 **Chingiz Shashkin**, Serik Akshulakov, Yerbol Makhambetov, Azat Shpekov, "Deep brain stimulation for Parkinson Disease", *Abstracts of the 10th Asian Congress of Neurological Surgeons, Astana*, P. 14 (2014)

10 Serik Akshulakov, **Chingiz Shashkin**, Yerbol Makhambetov, Azat Shpekov, "Deep brain stimulation for Parkinson Disease in Kazakhstan", *Abstracts of the XXI Congress of the European Society for Stereotactic and Functional Neurosurgery*, P. 142. (2014) (on English).

11 Serik Akshulakov, Yerbol Makhambetov, **Chingiz Shashkin**, Azat Shpekov, "Our experience of deep brain stimulation for Parkinson Disease", *Materials of the First International Congress of neurosurgeons of Uzbekistan*, Bukhara, P. 259-260 (2014) (on Russian).

12 Serik Akshulakov, Yerbol Makhambetov, **Chingiz Shashkin**, Azat Shpekov, "Neurosurgical treatment of the Parkinson's Disease", *Materials of the Scientific practical conference with international participation "Actual questions of neurology"*, Aktobe Medical University. P. 3-5 (2014) (on Russian).

13 **Chingiz Shashkin**, Berik Zhetpisbayev, R. Abdulguzhina, Eugeny Zhukov, "Stereotactic biopsy of the brain tumors", *Journal "Neurosurgery and Neurology of Kazakhstan"* №4 (33). P. 23-25 (2013) (on Russian).

14 **Chingiz Shashkin**, "Deep brain stimulation for treatment of movement disorders", *Vestnik of the Medical Center of the President of Kazakhstan*. – Astana, №3(46), P. 77-82 (2012) (on Russian).



15 **Chingiz Shashkin**, Assylbek Kaliyev, "The first experience of the FBSS treatment with spinal cord stimulation", *Astana Medical Journal*, №4. P.184-188 (2012) (on Russian).

16 **Chingiz Shashkin**, "Medicaments treatment of the patients with the brain tumors", *Materials of the Second Congress of neurosurgeons of the Republic of Kazakhstan. Journal "Neurosurgery and Neurology of Kazakhstan"*, №2, 3 (27, 28), P.124-130 (2012) (on Russian).

17 Serik Akshulakov, **Chingiz Shashkin**, B. Kanafin, Assylbek Kaliyev, "Background for spinal cord stimulation using in Kazakhstan", *Materials of the Second Congress of neurosurgeons of the Republic of Kazakhstan. Journal "Neurosurgery and Neurology of Kazakhstan"*, №2,3 (27, 28), P.115-118 (2012) (on Russian).

18 Askar Sadykov, Assylbek Kaliyev, **Chingiz Shashkin**, Farizat Kairzhanova, "Early rehabilitation after central nervous system injury", *Materials of the Second Congress of neurosurgeons of the Republic of Kazakhstan. Journal "Neurosurgery and Neurology of Kazakhstan"*, №2,3 (27,28), P. 105-108 (2012) (on Russian).

19 Serik Akshulakov, Askar Sadykov, **Chingiz Shashkin**, "ICP monitoring after severe head injury", *Materials of the Siberian International Neurosurgical Forum*, P - 187 (2012) (on Russian).

20 **Chingiz Shashkin**, Franz Galitsky, I. Rustanbekova, "Hearing loss after head injury", *Materials of the International Conference of otolaryngologist "Otolaryngology – Head and Neck Surgery"*, №1-2, P. 130-131 (2011) (on Russian).

21 **Chingiz Shashkin**, Franz Galitsky, "Objective diagnostics of the ethmoid bone fractures after complex craniofacial trauma", *Materials of the International Conference of otolaryngologist "Otolaryngology – Head and Neck Surgery"*, №1-2, P. 68 (2011) (on Russian).

22 Amangeldy Islyamov, **Chingiz Shashkin**, "History of the neurosurgical service of Asnata-city", *Journal "Neurosurgery and Neurology of Kazakhstan"*, №2 (23), P. 9-13 (2011) (on Russian).

23 **Chingiz Shashkin**, "Relevance of the clinical and medicolegal questions of the head injury", *Journal "Neurosurgery and Neurology of Kazakhstan"*, №4 (21), P. 45-47 (2010) (on Russian).

24 Serik Akshulakov, Nurtas Turssynov, **Chingiz Shashkin**, Raushan Abdullieva, "Activity analysis of the Republican research center for neurosurgery in 2008-2009", *Materials of the First Congress of neurosurgeons of the Republic of Kazakhstan. Journal "Neurosurgery and Neurology of Kazakhstan"*, №2, 3 (15, 16), P. 3-4 (2009) (on Russian).

25 Serik Akshulakov, Nurtas Turssynov, **Chingiz Shashkin**, "Results of the work in the Republican research center for neurosurgery in 2008", *Journal "Neurosurgery and Neurology of Kazakhstan"*, №1 (14), P. 3-4 (2009) (on Russian).

26 Serik Akshulakov, Franz Galitsky, **Chingiz Shashkin**, "Mild cervicooccipital trauma", *Monograph, Almaty, Kazakhstan*, 139 P. (2006) (on Russian).

27 **Chingiz Shashkin**, Franz Galitsky, Serik Akshulakov, Aigul Derbisbekova, "Medicolegal diagnostics of the mild cervicooccipital trauma and assessment of its health's harm", *Materials of the International Scientific practical conference "New diagnostic and treatment technologies in the clinical medicine" – Clinical Medicine of Kazakhstan*, №2 (6), P. 250-252 (2006) (on Russian).

28 Franz Galitsky, Serik Akshulakov, **Chingiz Shashkin**, "The features of the medicolegal assessment of the mild cervicooccipital trauma", *J. Medicolegal Medicine in Kazakhstan*, №1(18), P. 3-6 (2006) (on Russian).

29 **Chingiz Shashkin**, Aigul Derbisbekova, "Pathogenesis of the mild cervicooccipital trauma", *Materials of the scientific practical conference of young researchers of the Kazakh Medical Academy «New technologies in medicine»*, P. 53-55 (2006) (on Russian).

30 **Chingiz Shashkin**, "Medicolegal assessment of the health's harm after mild cervicooccipital trauma", *Materials of the scientific practical conference of young researchers of the Kazakh (Astana) Medical Academy «Actual questions of medicine»*, P. 69-71 (2005) (on Russian).

31 Serik Akshulakov, Franz Galitsky, **Chingiz Shashkin** et al., "Objective criteria of the clinical and medicolegal assessment of the mild cervicooccipital trauma", *Astana Medical Journal*, №4, P. 80-82 (2005) (on Russian).

32 Franz Galitsky, Serik Akshulakov, **Chingiz Shashkin**, "The problem of the mild cervicooccipital trauma in the neurosurgical and medicolegal practice", *Materials of the International Scientific practical conference "New technologies in the diagnostic and treatment in traumatology and orthopedics"*. – *Journal "Traumatology and Orthopedics"*, №2, P. 147-149 (2005) (on Russian).

33 Khanat Mukhametzhanov, T. Batyrov, **Chingiz Shashkin** et al., "Structure of the complex head injury", *Materials of the International Scientific practical conference "Radiology and radiological safety"*, P. 168-170 (2004) (on Russian).

34 Khanat Mukhametzhanov, Zh. Khamzabayev, **Chingiz Shashkin** et al., "The modern radiology of the mild cervicooccipital trauma", *Materials of the International Scientific practical conference "Radiology and radiological safety"*, P. 98-99 (2004) (on Russian).

35 Aydos Konkaev, Ramazan Zhakupov, **Chingiz Shashkin**, "Regional neuroaxial blocks as a component of the rehabilitation of the neurosurgical patients", *Materials of the International Scientific practical conference "New technologies in the diagnostic and treatment in traumatology and orthopedics"*. – *Journal "Traumatology and Orthopedics"*, №2(4), P. 297-299 (2003) (on Russian).

36 Alibek Abdrakhmanov, Khanat Mukhametzhanov, **Chingiz Shashkin**, "An experience of using a new collar for reposition of the cervical spine trauma", *Journal "Traumatology and Orthopedics"*, №2(4), P. 199-200 (2003) (on Russian).

## **BIBLIOGRAPHY**

Written books in cooperation:

1. "Mild cervicooccipital trauma" Almaty, (2006) (on Russian).
2. "Parkinson Disease" (2016) (on Kazakh).
3. "Neurosurgical treatment of Parkinson Disease" (2017) (on Russian).

Updated 5 of March, 2018