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The role of nurses in the modernization of pediatric care (results of the II Forum of Children's nurses, Russia)

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The II Forum of Children's nurses was organized by the Union of pediatricians of Russia and the Ministry of Health of the Russian Federation in the framework of the XVI Congress of Pediatricians "Actual problems of pediatrics", that was held in Moscow on the 24-27 February 2012. The forum was attended by 205 delegates from 35 regions of the Russian Federation, including the Republic of Tatarstan, Chuvashia, Tuva, Arkhangelsk, Kaluga, Kemerovo, Moscow, Smolensk, Tomsk and Novosibirsk regions, the Trans-Baikal and the Perm region, Turkey, etc. The audience of the Forum was represented by the heads of nursing services - seniors and principals, guards, health nurses of healthcare units; scientists from academic and university science, specialists of primary and specialized health care.

Nowadays nursing is seen as an important component of the health system. There cannot be a quality health care without high-quality nursing care [1]. One of the important issues of national health care is the lack of positive dynamics in the number of nursing staff. Questioning of more than 1,200 children's nurses in Russia during preparation for the Forum I showed that a possible way to solve this problem is to increase the prestige of the profession, which is achieved by the acquisition of advanced professional knowledge and skills, the ability to use information technology at work and to build an effective system of relations with the child and their parents as well as with colleagues [2, 3].

Therefore, there was identified an issue of II Forum child nurses in Russia: "The role of nurses in the modernization of pediatric care."

The program of the II Forum was built in the form of professional development schools (34 academic hours) and consisted of three major sections:

- Modernization of pediatric care;
- Nursing education in Russia and abroad;

- New technologies in the prevention of morbidity of the child population.

Within each of these sections there have been symposia, workshops and round tables. The last day of the II Forum included four lectures of professors, poster session and a symposium on high technology in nursing.

Preparation for the II Forum of child nurses in Russia was based on a specially designed information resource. The details about the upcoming forum were posted on the web portal of CHSC, RAMS; e-registration and reception of abstracts through a specially created site for children's nurses was opened, through which 150 specialists applied for participation; and thesis on 42 articles was forwarded to publication. Due to the large number of report applications received by the committee it was decided to hold the poster session (requirements to the reports were also posted on the website).

On one hand, the analysis of abstracts and poster presentations received showed the high interest of the nursing community in improving professional knowledge based on the generalization of healthcare experience. On the other hand, there were problems revealed associated with the processing of data in accordance with the requirements of scientific publishing. In the framework of the II Forum there was organized a master class on "How to write and edit a scientific paper", which was conducted by V.G. Zaporozhchenko, PhD, MD, Deputy chief editor of the "Health of the Russian Federation" magazine.

During preparation for the I Forum, analysis of the survey of child nurses revealed gaps in knowledge related to the role of the World Health Organization (WHO) in the development of nursing. Database of the WHO website is the basis for obtaining information on WHO. T. Kaigorodova, PhD, head of the WHO Documentation Centre of Healthcare data organization and storage of MH of the Russian Federation held a master-class on this matter. In addition, Tatiana Vadimovna prepared drives with the materials of the WHO Nursing for the participants of the master-class.

Master Class, a symposium and roundtable discussion on the organization of children's health centers were of particular interest at the Forum. It was found that out of 205 participants only 8 nurses had an idea, what new units created as part of a series of children's health centers of the country were created for.

Master class of L.A. Denisova, Honored Doctor of the Russian Federation, Professor, on "Prenosological control in child educational institutions. Autonomous health centers" and of I.S. Reshetnikov, the developer of devices for a number of child health centers, gave the opportunity

to really feel the results of new technological approaches in preventing disease in children, which is so often stated in the modernization of health care programs.

A symposium on education in Russia and abroad earned extensive attention at the Forum, that was moderated by prof. S. Dvoynikov, Head Specialist of Ministry of Health of Russia on managing nursing activities, and N.N. Kamynin, Dean of the Faculty of Higher Nursing Education and Social Work of the First MSMU of I.M. Sechenov.

Professor S. Dvoynikov noted in his report that in 2011 65.5 thousand nurses and 278 thousand other health professionals attended postgraduate education courses. 69.8% of nurses possess certification category of nursing in pediatrics (the second category - 8.9%; first - 27.1%, higher - 33.8%). Nursing personnel staffing in pediatric hospitals is 76.6%, so the nursing education issues require special attention [4]. Associate Professor N. Kamynin raised the use of competence-based approach to the development of educational programs for training of pediatric nurses: the result should be expected and the measured through specific achievement expressed in gaining professional skills, so these skills set describes the newly acquired functions of nurses.

Foreign experience of nursing education was presented by Ayse Ferda Ocakci, Professor of Nursing, in his report "Health and education of children in Turkey," in which there were highlighted the most acute issues in nursing education by the example of Turkey, which currently has 52 academic nurses, including 12 professors of nursing, and 7 associate professors. In Turkey there are 3 universities that train nurses (training for 4 years, 4600 hours). The first graduation took place in 2001.

Quality and organization of nursing care were widely discussed. Nurses across the country shared their experience. A debate arose on the report on organization of nursing care quality assessment in Chita (speaker - Vishnyakova V.A., Consultant for Nursing Ministry of Health, Zabaikalye region). In Zabaikalye region there is formed as a databank of nursing, built a multi-stage system of continuous post-graduate nursing education, established a professional association of nurses in the professional division of the section on the list of specialties.

At the II Forum there were widely covered the role and place of nurses in the implementation of high technologies. Two reports were presented by the specialists of CHSC, RAMS: by S.I. Arkhipova on "The role of nursing in the modernization of care in trauma and orthopedic department," and by K.K. Baranov on "The role of nursing in optimizing ambulatory care for children having ENT disorders in CHSC, RAMS".

There have also been presented 11 poster presentations of various specialists from CHSC departments. Topics of these reports included matters of physiotherapy rehabilitation technology, physical therapy, reflecting the issues of breastfeeding, care of premature infants, use of modern therapeutic and diagnostic methods in work of child nurse.

At the II Forum of Child nurses one master class was prepared and conducted by the delegation of nurses of Zabaikalye region. Master Class was held by presenting a visual aid on resuscitation of newborns, using modern techniques.

There arose great interest on a master class on counseling in pediatric nursing, aimed at such an important area as a nurse communicating with children and parents, and the syndrome of "burnout," which, according to research, caters for unwillingness to improve their skills in 16,4-35% of nurses is [5]. Also the syndrome of "burnout" (BS) was mentioned in report on "Research in Pediatrics in the form of higher nursing education" by L.Z. Shakirova, and E.A. Samorodnova from Kazan, where it was found that symptoms of BS are observed even in young nurses with experience less than 4 years. Predominant symptom of the first phase was a "traumatic situation affection". Stage of formation of the third BS phase of BS (depletion phase) was present in 29% of nurses, are 6% had a fully formed third phase. The most expressive symptoms of BS were observed in nurses with experience of 4-9 years, and among nurses with experience of 15 years, there was a high percentage of persons close to the final 'burnout stage' formation. This condition can lead not only to social maladjustment, but also to a professional deformation, and psychosomatic illnesses.

"Professor's lecture" became an excellent learning workshop at the Forum. In this year there were read four lectures by professors of CHSC, RAMS - O.I. Maslova, A.A Modestov, professors D.I Zelinskaya, and J.M. Lutsky. The key point of lectures by O.I. Maslova was the new paradigm of health and society: "There are diseases that cannot be cured, but these patients can be helped." Lecture of professor A.A. Modestov was about the first results of the modernization of pediatric care in Russia. Child abuse prevention and work with the family were the subject of the lecture of D.I. Zelinskaya. Prof. J.M. Lutsky (who taught Professor O.I. Maslova, as she proudly told at the Forum) read a lecture on features of the flow of alcoholic intoxication in children of different ages and tactics for the relief of acute intoxication. Lecture of prof. D.I. Zelinskaya was concerned with topic essential for parents.

There were discussed issues related to the provision of quality nursing care, and work with parents whose children suffer from neuropsychiatric disorders.

The Congress was represented by a poster session of the scientific works of child nurses (26 reports). The poster session was attended by delegates from different regions of the Russian Federation - Arkhangelsk, Kemerovo, Vladimir Region, Moscow, Zabaikalye and Krasnodar territories.

Three best works were identified:

- "The results of the Russian-Norwegian project" Leadership and Management in Health Care Reform "(Arkhangelsk);
- «The rational organization of physiotherapy department nurses" (Moscow, CHSC, RAMS);
- «Ways of caring of newborn infants with extremely low birth weight and very low birth weight" (Kaliningrad).

At the II Forum there was held accounting conference of the initiative group, that was selected on the I Forum of Child Nurses, and there also was held election of the Standing Committee of Russian child nurses, in order to work with the regions (chairman - prof. Dvoynikov S.I., Executive Secretary - PhD E.G. Biryukov).

At the closing ceremony of the XVI Congress of pediatricians and II Pediatric Nursing, awarded winners received a certificate for an annual subscription for "Pediatric Pharmacology" journal, that is under review of WAC and contains the column "Child nurse".

According to the results of the Forum, participants of the II Forum of Child nurses adopted a resolution, which reflected the following proposals [6].

1. To address the Departments of Health in regions of Russia on a proposal to introduce the position of freelance specialist in pediatric nursing, taking into account the specifics of child nurse work.
2. To approve and expand the practice of bringing child nurses to research that will enhance their professional knowledge, lead to greater job satisfaction and, ultimately, enhance the prestige of the nursing profession.
3. To consult the management of regional medical colleges on nurse education to pay attention to the issues of communication and emotional "burnout" of nurses as well as to address these issues at the III Forum of Child Nursing.
4. To expand use of Internet resources to conduct regular surveys of child nurses of the country on issues related to the modernization of public health, primary prevention, conducting distance learning.

Reference list

1. Video Blog Russian President Dmitry Medvedev. *Comment of the President* dd. 12/02/10.
2. Baranov A.A. Preventive pediatrics: new challenges. 02/24/2012 Moscow. 2012.
3. Code of Ethics for nurses in Russia. Nurses Association of Russia. Art. 12. "The nurse as a participant of research."
4. S.I. Dvoynikov. The system of training specialists in pediatric nursing and its development prospects. 26/02/2012 Moscow.
5. Matveychik T.V., V.F. Volchenok. Self-diagnosis and prevention of burnout syndrome and chronic fatigue. Training and practical guide. Minsk: Izd. BelMAPO. 2002. 23 p.
6. Resolution of II Forum of child nurses in Russia 2012