

THE FIRST SCIENTIFIC WORK OF PROFESSOR N.D. KAZANTSEVA ON THE 70TH ANNIVERSARY OF THE GREAT VICTORY

Gorbunova Z.I.

V.D. Chaklin Ural Scientific Institute of Traumatology and Orthopedics,
Yekaterinburg, Russian Federation

From the review of the military history of the V.D. Chaklin Ural Research Institute of Traumatology and Orthopedics (hereafter referred to as the Institute), it is known that during the Great Patriotic war, clinicians and researchers from the Institute were either drafted into active military service or worked in military hospitals in Sverdlovsk or the Far East. Evacuees from the western regions and graduates of the Sverdlovsk State Medical Institute, who had been relieved from military service, replaced the medical staff at the Institute. These physicians had to be retrained in the basics of medical practice and research.

Despite the difficult living and working conditions, coupled with the absence of most of the Institute's experienced employees, scientific research continued, papers were published, and theses were defended. Between 1941 and 1944, seven theses were prepared and defended, of them three doctoral thesis were by M.V. Muhin, Z.V. Bazilevskaya, and A.M. Naravtsevich. I.Ya. Shternberg published two monographs in 1941 and 1942, respectively, on stump reconstruction of the upper and lower limbs. Employees of the Institute also published research papers on the collected works of the Medical Department of the Ural Military District [1, 2].

Documents at the Institute's archives provide information on the researches that were ongoing in 1944 at the Institute's scientific research and development (R&D) department. This information is represented in the ledger given below, which includes full name of the employee, title of the research topic, and deadline. In addition, the following sections have been highlighted: time from the beginning of the project, signature of the researcher, and notes of the advisor (Fig. 1). Interestingly, the documents are handwritten and filled in by each researcher. Below are the data by Dr. N.D. Kazantseva on the performance of R&D

in 1944 (Fig. 2).

N.D. Kazantseva's Theme: "Reparative changes in the joints after gunshot fractures of large joints." Deadline: 12.15.1944

09.28.1944: All histological specimens, starting from 1932 to the present, are being reviewed. Of the four cases of gunshot wounds of the joints that were reviewed, two are being viewed under a microscope and the work is being recorded. In addition to papers on histological changes of the joints in gunshot fractures from the journal "Surgery" (No. 1), I have read Prof. Bogdanov's doctoral thesis on intra-articular fractures and their histological changes, which is among the papers being reviewed.,. Sixty-five medical records of patients with gunshot wounds of the joints are being

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«ГОСУДАРСТВЕННЫЙ АРХИВ
НАУЧНО-ТЕХНИЧЕСКОЙ И
СПЕЦИАЛЬНОЙ ДОКУМЕНТАЦИИ
СВЕРДЛОВСКОЙ ОБЛАСТИ»

Ф. 40
№ 1
Л. 3

Свердловский научно-исследовательский институт
травматологии и ортопедии
Министерство здравоохранения РСФСР

«Сведения о выполнении научно-исследовательских
работ сотрудниками института».

1944 год

ГАНТСДСО

Фонд: P-40
№ описи: 1
с. хр.: 13

На 45 листах
Срок хранения: постоянно

Fig. 1. The title page of the archive file.

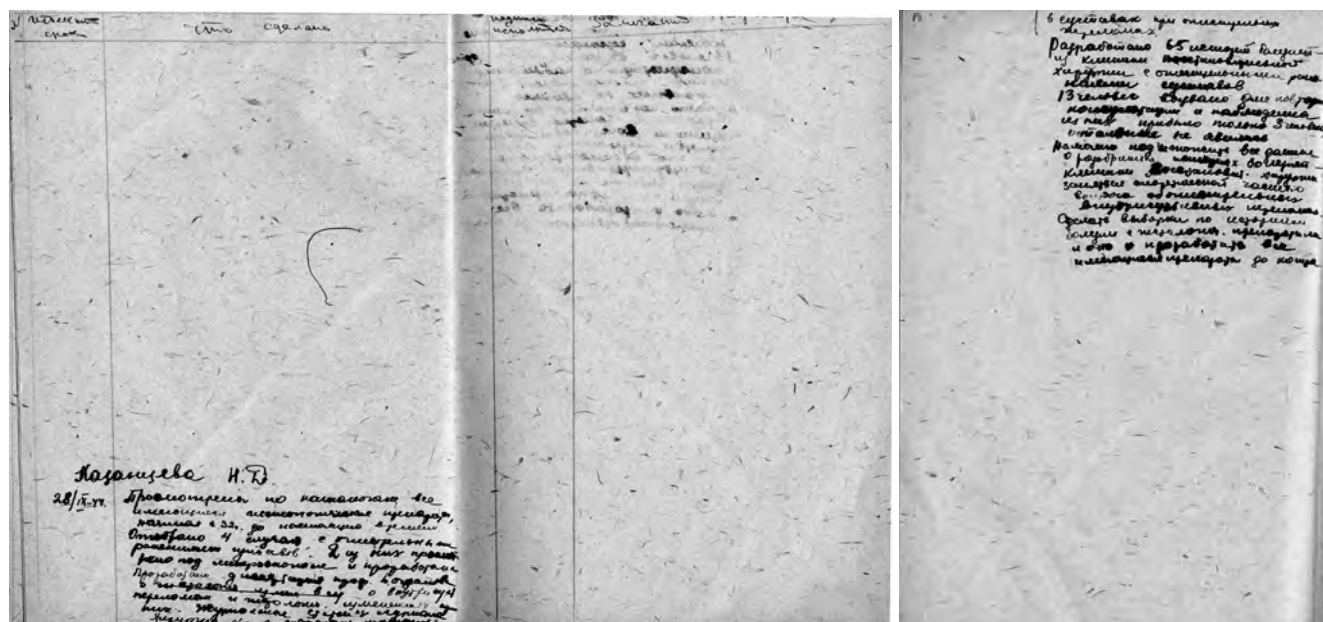


Fig. 2. R&D protocol filled by N.D.Kazantseva

reviewed from the Department of Reconstructive Surgery. Thirteen of these patients were recalled for follow-up consultation and observation; however, only three patients returned. We plan to summarize all the data on the medical histories of the research cases from the Department of Reconstructive Surgery. Our aim is to study the theory of gunshot intra-articular fractures and to make a sample of the medical records that has histological slides and study them.

Comments: The student, N. D. Kazantseva, who was evacuated from Leningrad, continued her studies at the Sverdlovsk Medical Institute. She graduated in 1943 and was sent to the Institute, where she worked as a traumatologist. According to a statement, she was released from work on 09.22.1945, in view of the re-evacuation to the place of residence (order of the Sverdlovsk Institute, No. 78, 09.27.1945, § 6), and left for Leningrad. She always remembered her years of work at the Institute with great pleasure and joy. Her advisor, Professor V.D. Chaklin, had a great influence on her. Further, she became a plastic surgeon and worked at the G.I. Turner Scientific and Research Institute for Children's Orthopedics. At the Russian Academy of Sciences, she taught a corresponding member Prof. A.G. Baindurashvili, Doctor of Medical Sciences.

Information about the authors

Gorbunova Zinaida Ivanovna — MD, PhD, senior research associate, scientific secretary of the Ural Scientific Institute of Traumatology and Orthopaedics n.a. V.D. Chaklin. E-mail: info@chaklin.ru.

This publication, which is of historical and medical significance, allows us to present the performance of scientific research at the Institute during the Great Patriotic War and highlight the participation of young doctors at the Institute.

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