**Supplementary Data**

**Questions from the guide for interviews with hospital executives and heads of medical divisions**

**Information about the hospital/medical center (5-10 minutes)**

How old is the hospital/medical center? What is its main clinical specialty? Do you know any other hospitals/centers in the region (in the country) that offer the same medical treatment? Do you have any academic departments or educational centers within the hospital?

What are main financial sources - state budget, regional, local? Mandatory Health Insurance fund? What is dominant? Do you participate in any federal programs or the National Project “Health”? Do you get any funding from private insurance companies, charities, or hospitals’ chargeable services?

**Opinion about new medical technologies (5-7 minutes)**

 What kind of new medical technologies do you need most? Cost-saving technologies? Improving quality of medical care? Attracting more patients? Adding new services? Facilitating physicians’ work? Other?

**Information gathering (5-10 minutes)**

What sources of information do you usually use to learn about new medical technologies? Medical journals (national, international)? Conferences and seminars? Producers? Insurance companies? Your employees? Your colleagues from other hospitals/medical centers? Authorities? International organizations and associations? Do you know what HTA (health technology assessment) is? If yes, do you use HTA reports? Do you have access to medical databases? Do you cooperate with any medical research laboratories/medical universities? What activities do you have that help physicians learn about new medical technologies?Regular staff meetings and seminars? If yes, how often? Are they formal or informal? Any training/retraining/courses? How often physicians attend conferences, seminars and professional exhibitions outside the hospital?

How would you describe an ideal process of information about new medical technologies gathering in a hospital?How it should be organized? What sources of information do you need?

**Decision-making process (15-20 minutes)**

How is the process of decision-making about new technology adoption organized in your hospital? Who usually participates in the decision-making process? Do you have a formal application procedure for medical divisions? Do you have any formal or informal discussions of new medical technologies? Do you have any formal criteria for technology assessment? If yes, specify. Do you have any committee or other bodies that are responsible for technology selection? If yes, how they are formed? Who is in charge for final decision?

Can you test new technology before you decide to adopt it?

To what extent does the decision-making process depend on the costs of new technology adoption? On its popularity?

How often do you have to make decisions about new technologies adoption? Do you have any sort of a plan or a strategy of technical renovation of the hospital? If yes, do you have to coordinate it with the authority? If yes, in what way (budget, characteristics of technology, other)?

How would you describe an ideal process of decision-making a hospital?How it should be organized?

**Funding (5-10 minutes)**

How can you describe the level of medical technologies that are used in your hospital comparing to average in your region/ county/developed countries?

What kind of technologies do you adopt more often (new equipment/devices and materials, new treatment methods, information and communication technologies, other)?

How often is new medical adoption associated with high financial costs? What sources do you use to adopt new medical technologies (budget, Mandatory Health Insurance fund, Federal Project “Health”, charity funds, chargeable services)? Can you pool different sources to purchase one technology? Do you have a budget for medical technologies? If yes, how is it formed?

**Example of recent technology adoption (10-15 minutes)**

Can you name any changes in medical technology that happened in the hospital within last 3-5 years. If yes, when was it? What was the main purpose of this technology adoption? Did you have to organize any training for medical stuff? How do those who work with new technology assess it?

Why did you choose this technology? How did you learn about it? Did you use any additional sources of information to learn more about this technology before its adoption? What criteria did you use to evaluate it (price, maintenance and servicing costs, reputation, expert opinions, clinical efficacy, cost-saving, image, technological leadership)? Who participated in decision-making process? Who took the final decision? How new technology purchase was funded? How long did it take you to launch the technology? Did you have to coordinate your actions with authorities/get permission for adoption? If yes, please name all the authorities you had to contact. Did you have to apply for new license or certificates? If yes, did it cost you anything?

Did you have to buy new equipment to support new technology? If yes, did you/authority organize a tender?

**Obstacles for technology adoption (5-10 minutes)**

What are main obstacles for new technologies adoption in your hospital? Lack of financing? Lack of information? Lack of confidence? Low qualification of physicians and other staff? Overregulation and bureaucratic pressure? Other?

What policy measures could help you improve the process of new medical technologies adoption?

**Questions from the guide for interviews with regional healthcare authority heads**

**Involvement in new medical technologies adoption process (20-30 minutes)**

How can you describe the level of medical technologies that are currently in use in the hospitals under your jurisdiction? Comparing to other regions in the Russian Federation? Comparing to developed countries?

Are you heavily involved in the process of hospitals’ medical technology adoption? In what form? When is your active participation mandatory? When do hospitals adopt technologies independently?

How do you set priorities with respect to medical technologies? What criteria do you use to choose new medical technologies? What factors have major impact on your decision? Budget constraints? Regional mortality and morbidity data? HTA reports? Economic estimates? Clinical evidence from other regions/countries? Recommendations from higher (federal) authority? Russian opinion leaders’ recommendations?

Do you examine technical characteristics of a new technology?

How do you set priorities with respect to different hospitals?

Do national producers of medical equipment and devices have any advantage?

Do you have a fixed budget for new technologies acquisition/equipment purchase? If yes, how is it formed?

What other types of assistance (in addition to financing) can you offer to public hospitals to assist them with medical technology adoption (information, consultancy, expertise, communication platforms, juridical support, education and training, other?)

Do you assist private hospitals? If yes, in what form?