

The background image shows Independence Square in Kyiv, Ukraine. The central focus is the Independence Monument, a tall column topped with a golden trident. In the foreground, a large crowd of people is gathered on the wide stone steps leading up to the monument. To the right, the National Opera House is visible, and in the background, a modern building with a blue glass facade stands prominently. The sky is bright blue with scattered white clouds.

**Organization of anaesthesiological
and intensive care service
in Kiev city
Dr.M.Bondar**

Municipal anaesthesiologic service of Kiev city

- 20 departments of anaesthesiology those include ICU beds
- 1 separate department of anaesthesiology
- 2 anesthesiological groups (units)
- 7 separate ICU departments
- 20 departments of anaesthesiology those include ICU beds in maternity hospitals
- 3 departments of anaesthesiology those include ICU beds in children's hospitals

Departments of anaesthesiology and ICU in hospitals which are subordinated to Academy of Medical Sciences.

- departments of anaesthesiology and ICU in vascular surgery research institute
- departments of anaesthesiology and ICU in transplantology research institute
- departments of anaesthesiology and ICU in oncological research institute
- departments of anaesthesiology and ICU in orthopedics research institute
- departments of anaesthesiology and ICU in neurosurgery research institute
- departments of anaesthesiology and ICU in urologyresearch institute
- departments of anaesthesiology and ICU in otolaryngology research institute
- departments of anaesthesiology and ICU in endocryngology research institute
- departments of anaesthesiology and ICU in POG research institute

Staffing in departments of anaesthesiology and ICU departments

	Kiev	Ukraine
Number of anaesthesiologist suppose to be employed (FTI)	508,25	7890
Currently worked anaesthesiologists	427	6598
Currently being present understaffing	82,9%	83%

Anaesthesiologists qualification level

- highest level - 173 (40,5%)
- first level - 86 (20,1%)
- second level - 84 (19,6%)
- specialist - 73 (19,8%)

Number of anaesthesia

	Kiev	Ukraine
Total number of anaesthesia	119 567	1400000
Endotracheal anaesthesia with muscle relaxation and mechanical ventilation	39 948	450000
Intravenous anesthesia	47 374	690 000
Spinal anesthesia	8 035	160000
Epidural anaesthesia	7 887	160000
Regional anaesthesia with conductive block	15 152	-
% anesthesia of operation	89%	-
Complications during anesthesia	399	6700
Quantity of interoperation death	50	280

ICU bed occupancy in 2007

	Kiev	Ukraine
Number of ICU beds	311	
Number of patients	33 799	440000
Surgical ICU patients	26 488	50%
Non surgical ICU patients	7 311	32%
In total has died	3558	-
Mortality (letality)	14,75%	7,95%

Equipment mechanical ventilators (MV) and anesthesia stations (AS)

Total MV and AS	393
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Worn-out	120
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Extremely worn-out	48
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IN UKRAINE A PART OF WORN-OUT VENTILATORS
IS 66,8% AND DEMAND IS 4000 UNITS

Other equipment.

EKG monitors	144(most worn-out)
Pulseoxymeters	63
Defibrillators	45(most old-styled)
Suction pumps	136
EKG recorders	17
Haemosorbtion device	11

Main problems of service.

	Ukraine	Europe
Financing of 1 ICU bed per day	30-60 grn	hundreds and thousands of euro

Main problems of service.

Stuff deficiency:

stuffing of nurses in ICU is near

50%

1 nurse serves 3-6 patients

Main problems of service.

Profound deficiency of:

- MV and AV
- Monitoring devices
- Infusion pumps
- Defibrillators, bronchoscopes, ultrasound monitors
- Antiseptic and disposable materials

Minimal needs of equipment.

High class mechanical ventilators	54
Middle class MV and AV	216
ECG monitors	353
Infusion pumps	670
Suction pumps	213
Mobile X-rays	23
Defibrillators	49
Bronchoscopes	18
EKG recorders	32
Equipment for CPR	27

Thank you for your attention

