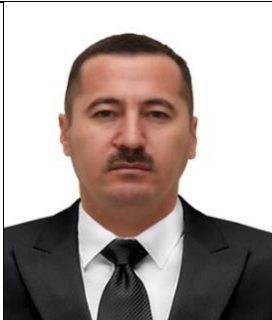


## O'QUV DASTUR PASPORTI

*O'quv dasturi Sog'liqni saqlash vazirligi huzuridagi uzluksiz tibbiy-farmasevtik ta'limni Muvofiqlashtiruvchi kengashning - 2025 yil 14 avgust IXT-247 sonli bayonnomasi asosida tasdiqlangan.*

*Amal qilish muddati 2030 yil gacha*

|                                                                                                                    |                                                                                                                                                                                                                                    |                                                                                                                            |                                                                                                                               |                                                                                                                              |
|--------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| Ta'lim muassasasi nomi                                                                                             | Tibbiyot xodimlarining kasbiy malakasini rivojlantirish markazi                                                                                                                                                                    |                                                                                                                            |                                                                                                                               |                                                                                                                              |
| Kafedra/ bo'lim                                                                                                    | 1 - xirurgiya                                                                                                                                                                                                                      |                                                                                                                            |                                                                                                                               |                                                                                                                              |
| O'quv dastur nomi                                                                                                  | «Kardioxirurgiya» mutaxassisligi bo'yicha o'quv dastur                                                                                                                                                                             |                                                                                                                            |                                                                                                                               |                                                                                                                              |
| O'qish turi                                                                                                        | ixtisoslashtirish                                                                                                                                                                                                                  |                                                                                                                            |                                                                                                                               |                                                                                                                              |
| O'quv dastur muallifi/ mualliflari                                                                                 | Nazirov F.G., To'raqulov O'.N., Aliyev Sh.M.                                                                                                                                                                                       |                                                                                                                            |                                                                                                                               |                                                                                                                              |
| Siklning umumiy soati                                                                                              | 1440 kredit                                                                                                                                                                                                                        |                                                                                                                            |                                                                                                                               |                                                                                                                              |
| Siklda dars beradigan o'qituvchi va trenerlar                                                                      |                                                                                                                                                                                                                                    |                                                                                                                            |                                                                                                                               |                                                                                                                              |
| <br>akademik<br>Nazirov F.G.     | <br>t.f.d, dosent<br>To'raqulov O'.N.                                                                                                            | <br>t.f.n., assistant<br>Saydazimov E.M. | <br>t.f.n., assistant<br>Djumaniyazov J.A. | <br>t.f.n. assistant<br>Matkarimov Sh.U. |
| <br>professor Eshonxodjaev O.D. | <br>t.f.d., dosent<br>Irmatov S.X.                                                                                                              | <br>professor<br>Zufarov M.M.           | <br>t.f.d., assistant<br>Suyumov A.S.    | <br>professor<br>Aliyev Sh.M.           |
| Maqsad                                                                                                             | So'ngi tashxislash va davolash standartlari, klinik protokollar bilan tanishtirib, ular asosida nazariy bilim va amaliy ko'nikmalarini ushbu standartlarga va JSST tavsiyalariga asosan mukammallashtirish va yangilashdan iborat. |                                                                                                                            |                                                                                                                               |                                                                                                                              |
| Siklga taklif qilingan mutaxasisslar - kontingent                                                                  | umumiy xirurglar                                                                                                                                                                                                                   |                                                                                                                            |                                                                                                                               |                                                                                                                              |
| Sikl vazifalari                                                                                                    | bemorni davolash bo'yicha amaliy qo'llanma oxirgi yangilangan standart asosida tashhisot usullarini va davolashni o'zlashtirish. bemorlarga yangilangan                                                                            |                                                                                                                            |                                                                                                                               |                                                                                                                              |

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|                     | standartga asoslangan holda davo chora-tadbirlarni olib borish, stasionar sharoitda kasalliklarning differensial tashhisi va profilaktikasi buyicha bilimlarni mukammallashtirish                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Sikl tarkibi</b> | <p>1. MODUL.Yurakni normal anatomiyasi va fiziologiyasi. Yurakning o'tkazuvchi sistemasi. Yurakning qon bilan ta'minlanishi. Yurakning klapan apparati. Embriogenez masalalari va uning buzilishlari, sabablari, ularning ko'rsatkichlari. Yurakning jarrohlik kasalliklari.</p> <p>2. MODUL.YuTN: OAP, anatomiyasi, gemodinamikasi, klinikasi, diagnostikasi, ko'rsatmalari, jarrohlik aralashuviga qarshi ko'rsatmalar, operatsiyadan keyingi davrda bemorlarni olib borish.</p> <p>ISLA: anatomiyasi, gemodinamikasi, klinikasi, diagnostikasi, ko'rsatmalari, jarrohlik aralashuviga qarshi ko'rsatmalar, operatsiyadan keyingi davrda bemorlarni boshqarish.</p> <p>3. MODUL.Fallo triadasi: anatomiya, gemodinamika, klinika, diagnostika, ko'rsatmalar, jarrohlik aralashuviga qarshi ko'rsatmalar, operatsiyadan keyingi davrda bemorlarni olib borish.</p> <p>Fallo tetradasi: anatomiyasi, gemodinamikasi, klinikasi, diagnostikasi, ko'rsatmalari, jarrohlik aralashuviga qarshi ko'rsatmalar, operatsiyadan keyingi davrda bemorlarni olib borish.</p> <p>Fallo pentadasi: anatomiyasi, gemodinamikasi, klinikasi, diagnostikasi, ko'rsatmalari, jarrohlik aralashuviga qarshi ko'rsatmalar, operatsiyadan keyingi davrda bemorlarni olib borish.</p> <p>4. MODUL.BATD (DMPP): anatomiyasi, gemodinamikasi, klinikasi, diagnostikasi, ko'rsatmalari, jarrohlik aralashuviga qarshi ko'rsatmalar, operatsiyadan keyingi davrda bemorlarni olib borish.</p> <p>QATD (DMJP): anatomiyasi, gemodinamikasi, klinikasi, tashxisi, ko'rsatmalari, jarrohlik aralashuviga qarshi ko'rsatmalar, operatsiyadan keyingi davrda bemorlarni olib borish.</p> <p>Aorta koarktatsiyasi: anatomiyasi, gemodinamikasi, klinikasi, diagnostikasi, ko'rsatmalari, jarrohlik aralashuviga qarshi ko'rsatmalar, operatsiyadan keyingi davrda bemorlarni olib borish.</p> <p>5. MODUL.Eyzenmenger sindromi, Lyutenbashe kasalligi: anatomiyasi, gemodinamikasi, klinikasi, diagnostikasi, ko'rsatmalari, jarrohlik aralashuviga qarshi ko'rsatmalar, operatsiyadan keyingi davrda bemorlarni olib borish.</p> <p>6 MODUL.Yurakning anomal joylashuvi: anatomiyasi, gemodinamikasi, klinikasi, diagnostikasi, ko'rsatmalari, jarrohlik aralashuviga qarshi ko'rsatmalar, operatsiyadan keyingi davrda bemorlarni olib borish.</p> <p>O'pka venalarining anomal drenaji: anatomiyasi, gemodinamikasi, klinikasi, diagnostikasi, ko'rsatmalari,</p> |

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|  | <p>jarrohlik aralashuviga qarshi ko'rsatmalar, operatsiyadan keyingi davrda bemorlarni olib borish.</p> <p>7 MODUL.PPS, mitral klapan nuqsonlari: mitral stenoz: anatomiyasi, gemodinamikasi, klinikasi, diagnostikasi, ko'rsatmalari, jarrohlik aralashuviga qarshi ko'rsatmalar, operatsiyadan keyingi davrda bemorlarni olib borish.</p> <p>Mitral etishmovchiligi: anatomiyasi, gemodinamikasi, klinikasi, diagnostikasi, ko'rsatmalari, jarrohlik aralashuviga qarshi ko'rsatmalar, operatsiyadan keyingi davrda bemorlarni olib borish. Mitral nuqsonlarning Petrovskiy-Bakulev-Damir bo'yicha tasnifi.</p> <p>8 MODUL. Aorta klapan: anatomiyasi, gemodinamikasi, klinikasi, diagnostikasi, ko'rsatmalari, jarrohlik aralashuviga qarshi ko'rsatmalar, operatsiyadan keyingi davrda bemorlarni olib borish.</p> <p>Trikuspidal klapan nuqsonlari: anatomiyasi, gemodinamikasi, klinikasi, diagnostikasi, ko'rsatmalari, jarrohlik aralashuviga qarshi ko'rsatmalar, operatsiyadan keyingi davrda bemorlarni olib borish.</p> <p>9 MODUL.Kombinasiyalangan yurak nuqsonlari: anatomiyasi, gemodinamikasi, klinikasi, diagnostikasi, ko'rsatmalari, jarrohlik aralashuviga qarshi ko'rsatmalar, operatsiyadan keyingi davrda bemorlarni olib borish.</p> <p>Yurakning qo'shma nuqsonlari: anatomiyasi, gemodinamikasi, klinikasi, diagnostikasi, ko'rsatmalari, jarrohlik aralashuviga qarshi ko'rsatmalar, operatsiyadan keyingi davrda bemorlarni olib borish.</p> <p>10 MODUL.Miokarditlar, etiologiyasi, patogenezi, klinikasi, davosi.</p> <p>Perikarditlar, etiopatogenezi, klinikasi, diagnostikasi, operativ davolashga qarshi ko'rsatmalar, operatsiyadan keyingi davrda olib borish.</p> <p>11 MODUL. Yurakni jarohatlari, klinikasi, diagnostikasi, ko'rsatmalari, jarrohlik aralashuviga qarshi ko'rsatmalar, operatsiyadan keyingi davrda olib borish.</p> <p>Yurakni o'smalari: anatomiyasi, gemodinamikasi, klinikasi, diagnostikasi, ko'rsatmalari, jarrohlik aralashuviga qarshi ko'rsatmalar, operatsiyadan keyingi davrda bemorlarni olib borish.</p> <p>12 MODUL.Yurakni o'tkazuvchi sistemasi patologiyasi: Blokadalar, klinika, diagnostika, EKG, davolash, EKS va implantasiya usullari.</p> <p>AIK haqida tushuncha, turlari. Kardioxirurgiyada shoshilinch holatlar, UPB (ODP), ochiq yurak, o'pka venalari trombozi kardiogen shoklar, infarkt, klinikasi, diagnostikasi, shoshilinch yordam turlari.</p> <p>Angioxirurgiya.</p> <p>13 MODUL.Okklyuzion va stenozlovchi jarayonlar haqida tushuncha. Ateroskleroz. Nospesifik aorto-arteriit.</p> <p>Tomirlarning o'ziga xos yallig'lanish kasalliklari (zaxm, sil, mikotik, aktinomikotik va b.) Kasalliklar patogenezi,</p> |
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patofiziologiyasi. Magistrallar arteriyalar stenozlari va okklyuziyalarida gemodinamik buzilishlar.

14 MODUL.Qorin aortasi okklyuziyasi. Lerish sindromi. Tashxisi: UT Dopplerometriya. Hajmiy sfigmografiya, rentgenkontrast tekshiruvlar: aortoangiografiya: translyumbal, Seldinger bo'yicha, selektiv. Arterial tizimning stenotik va okklyuzion zararlanishlarida kam invaziv jarrohlik: Dilatasiya, stentlash.

15 MODUL.Oyoq-qo'llar surunkali ishemiyasining A.V.Pokrovskiy bo'yicha tasnifi. Protezlash va shuntlash operatsiyalari. Arterial tizim shikastlanishini intraoperatsion tashxislash tamoyillari: floumetriya, tenziometriya. Plastik material (konduit) tanlash. Anastomozlar va tomir choklarining asosiy turlari. Aorta va magistrallar arteriyalardagi operatsiyalarning asoratlari.

16 MODUL.Protez infeksiyasi. Qon ketishi. Reokklyuziyalar. Qo'l-oyoqlarning kritik ishemiyasi. Klassifikatsiya. An'anaviy jarrohlik va nostandart davolashning asosiy tamoyillari (A-V oqmalari, boldirga katta charvini transplantatsiya qilish, osteoperforatsiyalovchi operatsiyalar, uzoq muddatli arteriya ichi kateter terapiyasi) Aorta va oyoq-qo'l arteriyalaridagi operatsiyalardan keyin bemorlarni reabilitatsiya qilish.

17 MODUL.Vena tizimining surunkali kasalliklari. Vena sistemasi normal anatomiyasi va fiziologiyasining umumiy xarakteristikasi. Venoz qon oqishining patologik holatlari. Gemodinamika. Surunkali venoz etishmovchilik. Tashxislashning umumiy tamoyillari: funksional sinamalar, ultratovushli dopplerometriya va -grafiya, flebografiya: distal, proksimal, chanoq, qarama-qarshi.

**O'quv bazasi:** "Akademik V.Voxidov nomidagi Respublika ixtisoslashtirilgan ilmiy-amaliy tibbiyot markazi"



