

Позвоночник
Хирургическая анатомия
и оперативная техника

Surgical Anatomy & Techniques to the Spine

SECOND EDITION

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Издание посвящено вопросам оперативной анатомии и хирургической техники в современной вертебрологии. Помимо описания классических вмешательств на позвоночнике, авторы подробно освещают применение новых инструментов и минимально инвазивные методики, технику вмешательств при травме и ранениях, а также особенности оперативного лечения ортопедических, онкологических, сосудистых и инфекционных заболеваний позвоночника. Особое внимание уделено таким сложным зонам, как затылочно-шейное сочленение, шейно-грудной и грудопоясничной сегменты. Книга содержит более 1000 высококачественных иллюстраций.

Книга предназначена для нейрохирургов, ортопедов и травматологов.

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Содержание

Предисловие ix

Соредакторы x

Соавторы xi

РАЗДЕЛ А

Краниовертебральное сочленение и верхний сегмент шейного отдела позвоночника 1

- 1** Хирургическая анатомия и биомеханика краниовертебрального сочленения 3
DZUNG DINH, TODD MCCALL, TOBIAS A. MATTEI, SADASHIV KARANTH и WILLIAM LEE
- 2** Трансоральный доступ к краниовертебральному сочленению и верхнему сегменту шейного отдела позвоночника 19
MATTHEW M. KIMBALL, KYLE M. FARGEN, ALBERT L. RHOTON JR и DANIEL J. HOH
- 3** Верхнечелюстной и нижнечелюстной доступы к скату и верхнему шейному отделу позвоночника 33
COLIN C. BUCHANAN и ISAAC YANG
- 4** Верхний шейный заглоточный доступ к краниовертебральному сочленению 41
SUNGSAM JUNG
- 5** Задние и латеральные доступы к краниовертебральному сочленению 50
KYLE M. FARGEN, MATTHEW M. KIMBALL, ALBERT L. RHOTON JR и DANIEL J. HOH
- 6** Задние и заднебоковые доступы к краниовертебральному сочленению: боковой чрезмышечковый доступ 58
ANUBHAV G. AMIN, SHAAN M. RAZA и MICHAEL LIM
- 7** Эндоскопические доступы к краниовертебральному сочленению 65
PETER SYRE и JOHN Y.K. LEE
- 8** Хирургические доступы к краниовертебральному сочленению при врожденных пороках развития, мальформации Арнольда–Киари и базиллярной импрессии ревматоидного происхождения 76
AKASH J. PATEL, STEVEN W. HWANG и ANDREW JEA

- 9** Хирургические доступы к краниовертебральному сочленению при ревматоидном артрите 85
DANIEL AGHION и ADETOKUNBO OYELESE

- 10** Нестабильность краниовертебрального сочленения и техника хирургической стабилизации 102
FAHEEM SANDHU

- 11** Переломы зубного отростка и его фиксация с помощью винтов 115
MARCUS D. MAZUR и MEIC H. SCHMIDT

- 12** Травматические повреждения позвонков C1–C2 и техника стабилизации 123
M. YASHAR S. KALANI, IMAN FEIZ-ERFAN и CURTIS A. DICKMAN

РАЗДЕЛ Б

Средний и нижний сегменты шейного отдела позвоночника 133

- 13** Хирургическая анатомия и биомеханика среднего и нижнего сегментов шейного отдела позвоночника 135
TIEN V. LE и JUAN S. URIBE
- 14** Удаление межпозвонкового диска передним доступом и последующий спондилодез 147
JAY RHEE и JEAN-MARC VOYADZIS
- 15** Эндоскопическая передняя шейная декомпрессия межпозвонкового отверстия (операция Джо) 157
HAE-DONG JHO, DIANA H. JHO и DAVID H. JHO
- 16** Передний и задний эндоскопические доступы к шейному отделу позвоночника 173
JUN HO LEE
- 17** Методы удаления тела шейного позвонка с последующими реконструкцией и спондилодезом 184
OMAR CHOUDHRI и STEPHEN I. RYU
- 18** Методы установки передних конструкций для внутренней фиксации шейного отдела позвоночника 206
BASHEER A. SHAKIR, M. NEIL WOODALL и HAROON F. CHOUDHRI
- 19** Методы межпозвонковой артропластики в шейном отделе позвоночника 212
DO HEUM YOON и SEONG YI

- 20** *Шейная микродекомпрессия межпозвоночного отверстия и декомпрессионная ламинэктомия* 224
JARED D. AMENT, HEUM DAI KWON и KEE D. KIM

- 21** *Шейная ламинопластика* 232
NEIL BADLANI и HOWARD AN

- 22** *Методы задней стабилизации шейного отдела позвоночника: спондилосинтез винтами через боковые массы, транспедикулярный спондилосинтез винтом, проволокой* 244
DO HEUM YOON, YOON HA и JAE KEUN OH

- 23** *Хирургическое лечение травматических вывихов суставных отростков* 253
PATRICK A. SUGRUE и ARUNA GANJU

- 24** *Осификация задней продольной связки позвоночника* 264
WILSON Z. RAY, FARROKH R. FARROKHI и ANDREW DAILEY

РАЗДЕЛ В

Шейно-грудной переход и грудной отдел позвоночника 275

- 25** *Хирургическая анатомия и биомеханика шейно-грудного перехода и грудного отдела позвоночника* 277
SAMUEL K. CHO

- 26** *Передние доступы к шейно-грудному переходу* 284
ILSUP KIM и DANIEL H. KIM

- 27** *Заднелатеральные доступы к шейно-грудному переходу: транспедикулярный, костротрансверзэктомия, боковой экстраплевральный и параскапулярный внеплевральный доступы* 290
DONATO PACIONE, TAYLOR WILSON, NOEL PERIN и ANTHONY FREMPONG-BOADU

- 28** *Переднебоковые доступы к грудному отделу позвоночника* 304
JAYME R. HIRATZKA и DARREL S. BRODKE

- 29** *Передняя и задняя стабилизация шейно-грудного перехода* 311
NOOJAN KAZEMI и TRENT L. TREDWAY

- 30** *Микродискэктомия грудного отдела позвоночника: боковые и заднебоковые доступы* 319
HANI R. MALONE и ALFRED T. OGDEN

- 31** *Торакоскопический и задний эндоскопический доступы к грудному отделу позвоночника* 332
ILSUP KIM и DANIEL H. KIM

- 32** *Декомпрессия и стабилизация при травме грудного отдела позвоночника* 347
KHOI D. THAN, MONIQUE J. BOOMSAAD, JUAN M. VALDIVIA-VALDIVIA и PAUL PARK

- 33** *Хирургические доступы к первичным опухолям и метастатическим очагам позвоночника* 353
DANIEL S. IKEDA, AHMED MOHYELDIN, EDWIN RAMOS и EHUD MENDEL

РАЗДЕЛ Г

Груднопоясничный и поясничный отделы позвоночника 363

- 34** *Хирургическая анатомия и задние доступы к грудному отделу позвоночника и груднопоясничному переходу* 365
JAI-JOON SHIM и DANIEL H. KIM

- 35** *Торакоабдоминальный доступ к груднопоясничному переходу* 387
JAI-JOON SHIM и DANIEL H. KIM

- 36** *Методики хирургической стабилизации переломов груднопоясничного отдела позвоночника* 411
NADER S. DAHDALEH, STEPHANUS VILJOEN, ANDREW J. GROSSBACH и PATRICK W. HITCHON

- 37** *Передний забрюшинный доступ к поясничному отделу позвоночника* 423
REX A.W. MARCO и JUSTIN E. BIRD

- 38** *Задний и заднебоковой доступы к поясничному отделу позвоночника* 432
BRIAN KWON

- 39** *Хирургические доступы при переломах поясничного отдела позвоночника* 441
TIFFANY GRACE PERRY, JENNIFER ORNING и SIVAKUMAR JAIKUMAR

- 40** *Декомпрессиивно-стабилизирующие вмешательства при спондилите и опухолях поясничного отдела позвоночника* 451
JARED FRIDLEY, JAI-JOON SHIM и IBRAHIM OMEIS

- 41** *Поясничная микродискэктомия: срединный открытый доступ и техника операции при крайнебоковых грыжах диска* 459
FRANK ATTENELLO и PATRICK HSIEH

- 42** *Чрескожная и эндоскопическая дискэктомия* 468
GUN CHOI, SANG-HO LEE и ABHISHEK KASHYAP

- 43** *Хирургическая анатомия и техника хирургических вмешательств при стенозе поясничного отдела позвоночника* 484
PETER LEE, ALBERT P. WONG и ARUNA GANJU

- 44** Транспедикулярная фиксация: техника открытых и чрескожных вмешательств 491
IAIN H. KALFAS и TODD B. FRANCIS
- 45** Задний и трансфораминальный межтеловой спондилодез поясничного отдела позвоночника 500
ILSUP KIM и DANIEL H. KIM
- 46** Передний спондилодез поясничного отдела позвоночника 511
MICHAEL Y. WANG, KEVIN S. CAHILL и CARL LAURYSSEN
- 47** Боковой межтеловой спондилодез поясничного отдела позвоночника 522
PATRICK A. SUGRUE и JOHN C. LIU
- 48** Восстановительные операции при спондилолизе 535
MARK S. ESKANDER и JAMES D. KANG
- 49** Техника трансартикулярной фиксации поясничного отдела позвоночника 543
JOHN S. CLAPP, JOSHUA P. HERZOG и THOMAS D. CHA
- 57** Хирургическое лечение кифотической деформации при болезни Шейерманна 642
ROBERT A. MORGAN и KIRKHAM B. WOOD
- 58** Хирургическое лечение посттравматической кифотической деформации грудного отдела позвоночника 648
HENRY AHN
- 59** Техника переднего релиза и спондилодеза при сколиозе позвоночника 653
STEVEN W. HWANG, AKASH PATEL, AND ANDREW JEA
- 60** Передние и задние вмешательства при сколиозе груднопоясничного и поясничного отделов позвоночника 665
SACHIN GUPTA и MUNISH GUPTA
- 61** Хирургическое лечение подросткового идиопатического сколиоза: типы 1–6 искривлений по Lenke 676
LAWRENCE G. LENKE и MICHAEL P. KELLY

РАЗДЕЛ Д

Пояснично-крестцово-тазовое сочленение 549

- 50** Хирургическая анатомия, доступы и биомеханика пояснично-крестцово-тазового сочленения 551
JONATHAN N. SELLIN
- 51** Хирургическое лечение переломов крестца 569
USMAN ZAHIR и STEVEN C. LUDWIG
- 52** Аксиальный межтеловой спондилодез поясничного отдела позвоночника 580
MATT LAFLEUR и VIKAS PATEL
- 53** Техника фиксации крестца с использованием винтов и пластин 588
MUNISH GUPTA и NICHOLAS PIRNIA
- 54** Подвздошная фиксация 604
IOANNIS AVRAMIS и MUNISH GUPTA
- 55** Резекция опухолей крестца, сакрэктомия и пояснично-тазовая реконструкция 611
ILSUP KIM и DANIEL H. KIM
- 62** Хирургическое лечение деформации «плоская спина» 692
RONALD LEHMAN
- 63** Хирургическое лечение дегенеративного сколиоза поясничного отдела позвоночника 703
REX A.W. MARCO и ROBERT J. WOODRUFF

РАЗДЕЛ Ж

Опухоли позвоночника и заболевания сосудов 717

- 64** Первичные злокачественные и доброкачественные опухоли позвоночника 719
RIPUL R. PANCHAL, ERIC O. KLINEBERG и KEE D. KIM
- 65** Вторичные метастатические опухоли позвоночника 731
RIPUL R. PANCHAL и KEE D. KIM
- 66** Техника резекции интрадуральных опухолей 737
RIPUL R. PANCHAL, EDWARD E. KERR и KEE D. KIM
- 67** Сосудистые образования спинного мозга 745
NIKOLAY L. MARTIROSYAN, SERGEY NECKRYSH, FADY T. CHARBEL, NICHOLAS THEODORE и G. MICHAEL LEMOLE JR

РАЗДЕЛ Е

Деформации позвоночника 625

- 56** Хирургические подходы к коррекции кифотической деформации шейного отдела позвоночника 627
RAHUL BASHO, BECK DEAL MCALLISTER, BRANDON J. REBHOLZ и JEFFREY WANG

РАЗДЕЛ З**Воспалительные заболевания
позвоночника 763**

- 68** *Анкилозирующий спондилит: задние вмешательства (спондилотомии) на шейном и грудном отделах позвоночника в лечении фиксированной сагиттальной деформации 765*

ALAN HILIBRAND, MAURICE GOINS и CHRISTOPHER KEPLER

РАЗДЕЛ И**Инфекционные заболевания
позвоночника 776**

- 69** *Бактериальный, грибковый и туберкулезный дисциты и спондилиты шейного, грудного и поясничного отделов позвоночника 777*

MICHAEL J. VIVES и AMIT SOOD

РАЗДЕЛ К**Прочие вопросы 792**

- 70** *Хирургическое лечение огнестрельных ранений позвоночника 793*
GABRIEL TENDER
- 71** *Вертебропластика и кифопластика 802*
SOO YOUNG PARK и YONG-CHUL KIM
- 72** *Техника забора костного трансплантата 813*
JEFFREY S. HENN и CURTIS A. DICKMAN
- 73** *Повреждения твердой мозговой оболочки 820*
VIKAS PATEL, SARAH E. HENRY, ELIZABETH S. ROBINSON и
MICHAEL FINN

Предисловие

Хирургия позвоночника основана на понимании анатомии и хирургической техники. С применением новых инструментов и минимально инвазивных методик в XXI веке хирургия позвоночника весьма усложнилась. Начиная от затылочно-шейного спондилодеза и до фиксации крестцово-подвздошного сочленения, современный хирург-вертебролог сталкивается с огромным разнообразием хирургических ситуаций. Вместе с тем, вертебрологи, как и их коллеги вынуждены прилагать все силы, чтобы не отставать от быстрых темпов развития технологического оснащения в этой области. Постоянно увеличивающееся разнообразие способов хирургического лечения повреждений и заболеваний позвоночника делают процесс принятия решений, касающихся какого-либо конкретного подхода, процедуры или технологии, все более и более сложным.

Помимо появления нового инструментария, все большее распространение в хирургии позвоночника получают новые минимально инвазивные методики. Разрезы уменьшаются, что вынуждает хирургов-вертебрологов оперировать через относительно небольшой доступ, а, следовательно, в условиях ограниченной видимости. Без выделения прилежащих анатомических структур применение таких методик может оказаться весьма сложной задачей. Подобные сложности возникают не только при

декомпрессии, но и при чрескожном размещении инструментов.

Такие инструменты и методики в настоящее время начинают применяться у все возрастающего числа пациентов. Инструменты хирурга-вертебролога используются не только при травмах или дегенеративных заболеваниях, но и все чаще применяются при опухолевых или инфекционных процессах.

В свете многочисленных нововведений, весьма актуально современное описание затылочно-шейного спондилодеза, включая технику установки шейных пластин, наряду с атланта-аксиальной фиксацией. Кроме того, здесь представлен обзор шейно-грудного и грудопоясничного сочленений, так как эти переходные зоны вызывают еще большие сложности. Наконец, появление длинных конструкций для остеосинтеза, сделало возможной фиксацию крестцово-подвздошного сочленения, что также нашло отражение в этом издании.

При освоении новых инструментов или минимально инвазивных методик хирург-вертебролог должен основываться на знаниях анатомии и технических приемов. Таким образом, подобные существенно важные вопросы в хирургии позвоночника рассматриваются как арсенал, необходимый хирургу, приступающему к изучению более сложных актуальных проблем сегодняшнего дня.

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