

AME 科研时间系列医学图书 1B027

乳腺癌的乳房重建手术

名誉主编：邵志敏 沈镇宙

主编：吴 炅 俞培荣



中南大学出版社
www.csypress.com.cn

AME
Publishing Company

AME 科研时间系列医学图书 1B027

乳腺癌的乳房重建手术

名誉主编：邵志敏 沈镇宙

主编：吴 灵 俞培荣



图书在版编目 (CIP) 数据

乳腺癌的乳房重建手术/吴炅, 俞培荣主编. —长沙: 中南大学出版社, 2016.12

ISBN 978 - 7 - 5487 - 2685 - 2

I . ①乳… II . ①吴… ②俞… III. ①乳房-整形外科学 IV. ①R655. 8

中国版本图书馆CIP数据核字(2016)第324609号

AME 科研时间系列医学图书 1B027

乳腺癌的乳房重建手术

RU XIAN AI DE RU FANG CHONG JIAN SHOU SHU

吴炅 俞培荣 主编

□丛书策划 郑杰 汪道远 李媚

□整理编辑 袁舒 潘美欣

□责任编辑 孙娟娟

□责任校对 石曼婷

□责任印制 易建国 潘飘飘

□版式设计 林子钰 胡晓艳

□出版发行 中南大学出版社

社址: 长沙市麓山南路 邮编: 410083

发行科电话: 0731-88876770 传真: 0731-88710482

□策 划 方 AME Publishing Company 易研出版公司

地址: 香港沙田石门京瑞广场一期, 16 楼 C

网址: www.amegroups.com

□印 装 天意有福科技股份有限公司

□开 本 889×1230 1/16 □印张 38 □字数 1224 千字 □插页

□版 次 2016 年 12 月第 1 版 □ 2016 年 12 月第 1 次印刷

□书 号 ISBN 978 - 7 - 5487 - 2685 - 2

□定 价 285.00 元

图书出现印装问题, 请与经销商调换

编者风采



名誉主编：邵志敏 教授，主任医师，博士生导师

复旦大学附属肿瘤医院乳腺外科主任医师

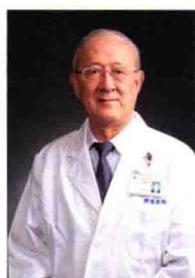
中国抗癌协会乳腺癌专业委员会名誉主任委员

中华医学会肿瘤学分会副主任委员

上海市抗癌协会乳腺癌专业委员会名誉主任委员

上海市医学会肿瘤专科委员会主任委员

第八届亚洲乳腺癌协会主席、St.Gallen乳腺癌大会专家团成员



名誉主编：沈镇宙 教授，主任医师，博士生导师

复旦大学附属肿瘤医院荣誉教授

上海市乳腺癌临床医疗中心首席专家

担任《乳腺肿瘤学》《乳腺疾病综合诊断学》《中华手术彩色图解——肿瘤外科手术图解》

《肿瘤外科手术学》《中国癌症杂志》主编

曾兼任中国抗癌协会副理事长

中华医学会肿瘤学会副主任委员

上海市抗癌协会理事长

中华医学会上海肿瘤学会主任委员



主编：吴炅 肿瘤学博士，教授，博士生导师

复旦大学附属肿瘤医院乳腺外科主任医师

复旦大学附属肿瘤医院副院长

药物临床试验机构主任

中国抗癌协会乳腺癌专业委员会副主任委员，候任主委

中国医师协会外科医师分会乳腺外科医师专委会副主任委员

中国医疗保健国际交流促进会乳腺疾病分会主任委员

上海市抗癌协会乳腺癌分会主任委员

上海市医学会肿瘤专科分会副主任委员



主编：俞培荣 教授

美国德克萨斯大学M.D.Anderson 癌症中心整形外科教授，美国外科学院院士

在全身组织缺损的修复与重建方面做了大量开拓性的工作

特别是在股前外侧皮瓣创新、乳房重建、头颈部缺损修复重建方面

其卓有成效的工作得到了国际上的认可

曾被评为“全美国最好的医生”和“全美最佳外科医生”

副主编(以姓氏笔画为序)



范照青 博士，副主任

北京大学肿瘤医院乳腺癌预防治疗中心副主任

中国医师协会乳腺外科医师委员会常务委员
中国抗癌协会乳腺癌专业委员会委员
中国医疗保健国际交流促进会乳腺疾病分会常务委员、副秘书长
中国医药教育协会乳腺疾病专业委员会常务委员



胡震 主任医师，硕士研究生导师

复旦大学附属肿瘤医院乳腺外科

中国抗癌协会家族遗传性肿瘤协作组委员
中国医药教育协会乳腺疾病专业委员会常委
中国医疗保健国际交流促进会乳腺病专业委员会常委
中国医师协会外科医师分会乳腺外科医师委员会青年委员
上海市抗癌协会乳腺癌专业委员会委员



傅佩英 博士，主任医师

浙江大学附属第一医院乳腺疾病诊治中心主任

中国抗癌协会乳腺癌专业委员会委员
中国临床肿瘤学会乳腺癌专家委员会委员
中国医师协会乳腺外科医师委员会委员
中国医药教育协会乳腺疾病专业委员会常委
中国医疗保健国际交流促进会乳腺疾病分会常委
浙江省抗癌协会乳腺癌专业委员会副主任委员
浙江省中西医学会乳腺病专业委员会副主任委员



穆大力 博士，教授、主任医师，博士生导师

中国医学科学院整形外科医院乳房整形与再造中心主任

中华医学会整形外科学分会乳房整形专业学组委员
中国整形美容协会乳房整形分会常委
中国整形美容协会内窥镜整形外科分会常委兼秘书长
北京医学会整形外科学分会委员
中华整形外科杂志编委
中华医学会整形外科学分会委员会青年委员会委员
北京医学会显微外科学分会委员
北京医疗整形美容业协会专家组秘书
中国康复医学会修复重建外科分会再植再造学组委员
国际美容整形外科学会(ISAPS)会员
海峡两岸医药卫生交流协会整形美容外科专业委员会常委
中国整形美容协会美容与再生医学分会常务理事

编委(以姓氏笔画为序)：



王坤 肿瘤学博士，主任医师，硕士研究生导师

广东省人民医院乳腺二科主任

中国医药教育协会乳腺病学会常委
中国研究型医院乳腺病学会常委
中国抗癌协会乳腺癌专业委员会青年委员
广东省医学会乳腺病学分会副主任委员
青年委员会主任委员
广东省健康管理学会副主任委员
广东省医师协会乳腺专科医师分委会常委。



王昕 博士，副主任医师，硕士研究生导师

北京协和医学院临床医学八年制博士

中国医学科学院肿瘤医院乳腺外科副主任医师、硕士研究生导师

北京乳腺病防治学会青年学术委员会候任主任委员
中国研究型医院学会乳腺专业委员会常委
中国医药教育学会乳腺疾病专业委员会常委
中国妇幼保健学会青年委员会常委、副秘书长
中国医师协会外科医师分会乳腺外科医师专业委员会青年委员
中国妇幼保健协会乳腺保健专业专家委员会青年委员
中国中医药研究促进会乳腺病分会委员
中国生物医学工程学会纳米医学与工程分会青年委员
北京医学会放射肿瘤学分会术中放疗学组常委
北京医学会乳腺疾病分会青年委员
北京乳腺病防治学会外科专业委员会委员兼秘书
北京乳腺病防治学会健康管理专业委员会常委
北京市中西医结合学会普外科分会和肿瘤分会青年委员
中华肿瘤防治杂志青年编委、中华乳腺病杂志（电子版）中青年编委
《Oncotarget》、中华肿瘤杂志、中国医学前沿杂志等审稿人



史京萍 博士，主任医师，副教授，硕士研究生导师

南京医科大学第一附属医院(江苏省人民医院)整形烧伤科
南京医科大学第一附属医院整形烧伤外科教研室副主任

1997年毕业于南京医科大学临床医学系
担任中华医学会整形外科分会乳房学组委员
中华医学会医学美学与美容分会乳房学组委员
美国华盛顿大学医院、韩国峨山医院访问学者
执笔中国首部《乳腺癌切除后乳房再造临床技术指南》
擅长创伤和体表皮肤软组织肿瘤，尤其是乳房整形和重建治疗



刻真真 主任医师，医学博士，硕士生导师

河南省肿瘤医院乳腺中心主任

河南省抗癌协会乳腺癌专业委员会常务委员
河南省抗癌协会靶向治疗委员会副主任委员
中国医疗保健国际交流促进会乳腺疾病分会常务委员
中国医药教育协会乳腺疾病专业委员会常务委员
CSCO乳腺癌专家委员会委员
中国医师协会外科分会乳腺外科委员会委员



宋向阳 博士，研究生导师，主任医师

浙江省人民医院乳腺甲状腺外科科室主任

中国医促会乳腺疾病委员会副主任委员
中国医药教育协会乳腺病专业委员会常委
中国抗癌协会乳腺癌专业委员会青年委员
浙江省抗癌协会理事
浙江省抗癌协会乳腺癌专业委员会常委
浙江省中西医结合学会乳腺病专委会副主任委员
浙江省医学会外科学分会甲状腺学组副主任委员
浙江省医师协会甲状腺疾病委员会副主任委员
美国临床肿瘤学协会会员(ASCO member)
国际转化肿瘤学协会会员(STO member)
省自然科学基金评审专家



张强 博士，主任医师

辽宁省肿瘤医院乳腺外科副主任

中国医科大学及大连医科大学肿瘤外科研究生导师
中国医药教育协会常务理事
中国医药教育协会乳腺疾病专业委员会常委
中华医学会肿瘤整形学组委员
中国医药教育协会乳腺疾病专业委员会沈阳学组副主任委员
辽宁省抗癌协会靶向治疗专业委员会副主任委员
中国抗癌协会乳腺癌专业委员会青年委员
辽宁省乳腺癌委员会及防治中心常委
辽宁省医学学会外科分会乳腺学组委员
辽宁省“百千万人才”百层人才
辽宁省青年联合会委员



陈波 肿瘤学博士，教授，主任医师，博士生导师

中国医科大学附属第一医院乳腺外科

中国医药教育协会乳腺疾病专业委员会常务委员
中国医药教育协会乳腺疾病专业委员会沈阳学组候任主任委员
中国抗癌协会乳腺癌专业委员会委员
中国医师协会乳腺疾病培训专家委员会委员
辽宁省医学学会外科分会乳腺学组组员兼秘书
辽宁省抗癌协会乳腺癌专业委员会委员兼秘书
中国康复医学会修复重建外科专业委员会美容外科分会委员会委员



陈益定 主任医师，博士生导师

浙江大学医学院附属第二医院主任医师，乳腺专科病区副主任

中国抗癌协会乳腺癌专业委员会委员
中国抗癌协会家族遗传性肿瘤协助组委员
中国医促会乳腺疾病分会常务委员
浙江省抗癌协会乳腺癌专业委员会常务委员
浙江省医学学会肿瘤外科分会及肿瘤学分会委员



郭宜良 博士，副主任

哈尔滨医科大学附属第二医院乳腺外科副主任

中国医药教育学会乳腺疾病专业委员会常委
中国抗癌协会乳腺癌专业委员会委员
中国研究型医院分会乳腺专业委员会委员
中国医师协会乳腺疾病培训专家委员会委员
中国医师协会外科学分会MDT专业委员会委员
中国医促会乳腺疾病专业委员会常务委员
黑龙江省医学会乳腺疾病分会秘书长、青委会主任委员
黑龙江省中西医结合学会乳腺病专业委员会副主任委员



曾昂 博士，副教授，硕士研究生导师

北京协和医院整形外科副教授

中华医学会整形外科分会肿瘤重建学组委员
中国康复医学会修复重建外科学会青年委员
北京医学会显微外科学会委员
中国整形外科协会瘢痕分会委员
美国M.D.Anderson癌症中心、纽约大学访问学者，日本东京大学JSPS高级访问学者
中国医促会乳腺疾病分会常务委员

Honorary Editors

Claudio Angrigiani

Division of Plastic Surgery, Hospital Santojani, Buenos Aires, Argentina

Kimito Yamada

Department of Breast Oncology, Tokyo Medical University Hospital, Tokyo, Japan

Peter G. Cordeiro

Plastic and Reconstructive Surgery Service, Department of Surgery, Memorial Sloan-Kettering Cancer Center, New York, USA

Editors

Jiong Wu

Department of Breast Surgery, Fudan University Shanghai Cancer Center, Shanghai 200032, China; Department of Oncology, Shanghai Medical College, Fudan University, Shanghai 200032, China; Collaborative Innovation Center for Cancer Medicine, Guangzhou 510060, China

Peirong Yu

Department of Plastic Surgery, The University of Texas, MD Anderson Cancer Center, Houston, TX, USA

Authors

Alina Abu-Ghazaleh

Department of Plastic and Aesthetic Surgery, Sana Kliniken Düsseldorf, Düsseldorf, Germany

Avi Agrawal

Portsmouth Breast Care Centre, Queen Alexandra Hospital, Portsmouth, PO6 3LY, UK

Christoph Andree

Department of Plastic and Aesthetic Surgery, Sana Kliniken Düsseldorf, Düsseldorf, Germany

Claudio Angrigiani

Chief, Division of Plastic Surgery, Hospital Santojani, Buenos Aires, Argentina

Hideo Arima

Department of Digestive Surgery, Breast and Thyroid Surgery, Kagoshima University Graduate School of Medical and Dental Sciences, 8-35-1, Sakuragaoka, Kagoshima 890-8520, Japan

Guillermo Artero

Instituto Oncológico Henry Moore, Buenos Aires, Argentina

Mark W. Ashton

The Taylor Lab, Room E533, Department of Anatomy and Neurosciences, The University of Melbourne, Grattan St, Parkville, 3050 Victoria, Australia

Youngtae Bae

Department of Surgery, Biomedical Research Institute, Pusan National University Hospital, Busan, Republic of Korea

Bassam Band

St Andrew's Centre for Plastic Surgery and Burns, Room E322, Mayflower Ward, Level 3, Zone E, West Wing, Broomfield Hospital, Mid Essex Hospital Services NHS Trust, Chelmsford, Essex CM1 7ET, UK

John R. Benson

Cambridge Breast Unit, Addenbrooke's Hospital, Cambridge CB2 0QQ, UK; Faculty of Medical Science, Anglia Ruskin University, Cambridge and Chelmsford, CM1 1SQ, UK

Danielle M. Bertoni

Department of Surgery/Section of Surgical Oncology, Stanford University School of Medicine, Stanford, CA 94305, USA

Maurizia Bocchio

General Surgery Department, Novi Ligure-Tortona, San Giacomo Hospital, Viale Edilio Raggio 12, 15067 Novi Ligure (Alessandria), Italy

Mikkel Børsen-Koch

Department of Plastic Surgery, Lillebaelt Hospital/
Odense University Hospital, Kabeltoft 25, 7100 Vejle,
Denmark

Mitchell H. Brown

Division of Plastic and Reconstructive Surgery, Department
of Surgery, University of Toronto, Toronto, Ontario,
Canada

Federico Buggi

Breast Surgery Unit, G.B. Morgagni-Pierantoni Hospital,
AUSL della Romagna sede di Forlì (FC), Via Carlo
Forlanini, 34. 47100 Forlì, Italy

Paris D. Butler

Division of Plastic Surgery, Department of Surgery,
University of Pennsylvania Health System, Philadelphia, PA
19104, USA

Miguel S. Cabalag

Department of Plastic and Reconstructive Surgery,
Frankston Hospital, Peninsula Health, Frankston,
Victoria 3199, Australia; Monash University Plastic and
Reconstructive Surgery Unit (Peninsula Clinical School),
Peninsula Health, Frankston, Victoria 3199, Australia

Salvatore Carlucci

Division of Gynecology, Fondazione del Piemonte per
l'Oncologia (FPO)/ Institute for Cancer Research and
Treatment at Candiolo (IRC@C), Italy

Giuseppe Catanuto

Multidisciplinary Breast Unit, Azienda Ospedaliera
Cannizzaro, Via Messina 829, 95126 Catania, Italy

Michael P. Chae

Department of Plastic and Reconstructive Surgery,
Frankston Hospital, Peninsula Health, Frankston,
Victoria 3199, Australia; Monash University Plastic and
Reconstructive Surgery Unit (Peninsula Clinical School),
Peninsula Health, Frankston, Victoria 3199,
Australia

Manish C. Champaneria

Peacehealth Medical Group Plastic Surgery, Vancouver,
WA, USA

Jia-Jian Chen

Department of Breast Surgery, Fudan University Shanghai
Cancer Center, Shanghai 200032, China; Department of
Oncology, Shanghai Medical College, Fudan University,
Shanghai 200032, China

Angela Cheng

Emory Division of Plastic and Reconstructive Surgery, 550
Peachtree Street NE, Suite 9000, Atlanta GA 30308, USA

Prakasit Chirappapha

Department of Plastic and Reconstructive Surgery,
European Institute of Oncology, Milan, Italy; Department
of Surgery, Faculty of Medicine, Ramathibodi Hospital,
Mahidol University, Bangkok, Thailand

Whitney T. H. Chow

St Andrew's Anglia Ruskin (StAAR) Research Unit, St
Andrew's Centre for Plastic Surgery and Burns, Broom
eld Hospital, Mid Essex Hospital Services NHS Trust,
Chelmsford, Essex CM1 7ET, UK

Muhammad Chowdhry

St Andrew's Centre for Plastic Surgery and Burns, Room
E322, May ower Ward, Level 3, Zone E, West Wing,
Broom eld Hospital, Mid Essex Hospital Services NHS
Trust, Chelmsford, Essex CM1 7ET, UK

Suebwong Chuthapisith

Division of Head, Neck and Breast Surgery, Department
of Surgery, Faculty of Medicine Siriraj Hospital, Mahidol
University, Bangkok 10700, Thailand

Mark W. Clemens

Department of Plastic Surgery, The University of Texas
M.D. Anderson Cancer Center, Houston, TX 77030, USA

Costanza Cocilovo

INOVA Fairfax Hospital, Falls Church, VA 22042, USA

Amy S. Colwell

Division of Plastic Surgery, Massachusetts General
Hospital, Harvard Medical School, Boston MA, USA

Peter G. Cordeiro

Plastic and Reconstructive Surgery Service, Department of
Surgery, Memorial Sloan-Kettering Cancer Center, New
York, USA

Annalisa Curcio

Breast Surgery Unit, G.B. Morgagni-Pierantoni Hospital, AUSL della Romagna sede di Forlì (FC), Via Carlo Forlanini, 34. 47100 Forlì, Italy

Ramsey I. Cutress

Southampton Breast Unit, Princess Anne Hospital, Southampton, SO16 5YA, UK

Rene Aloísio da Costa Viera

Department of Gynaecology, Obstetrics and Mastology, School of Medicine of Botucatu, UNESP, Distrito de Rubião Júnior, Botucatu-SP, Brazil; Breast Unit, Barretos Cancer Hospital, R Antenor Villela Duarte, 1331, Barretos-SP, 14784-400, Brazil

Ernesto Gil Deza

Instituto Oncologico Henry Moore, BsAs, Argentina

Julio Dorr

Instituto Oncologico Henry Moore, BsAs, Argentina

Sue K. Down

University of East Anglia, Norwich, UK; Department of Breast Surgery, James Paget University Hospital, Norfolk, UK

Monica M. Dua

Department of Surgery/Section of Surgical Oncology, Stanford University School of Medicine, Stanford, CA 94305, USA

Dorin Dumitru

Cambridge Breast Unit, Addenbrooke's Hospital, Cambridge CB2 0QQ, UK

Ezequiel Escudero

Plastic Surgeon Hospital Regional de Mar del Plata, Pcia Buenos Aires, Argentina

Sonia Fertsch

Department of Plastic and Aesthetic Surgery, Sana Kliniken Düsseldorf, Düsseldorf, Germany

Edmund Fitzgerald O'Connor

STAAR St Andrews Anglia Ruskin Research Group, Anglia Ruskin University, Essex, UK; St Andrew's Centre for Plastic Surgery and Burns, Room E322, Mayower Ward, Level 3, Zone E, West Wing, Broomfield Hospital, Mid Essex Hospital Services NHS Trust, Chelmsford, Essex CM1 7ET, UK

Secondo Folli

Breast Surgery Unit, G.B. Morgagni-Pierantoni Hospital, AUSL della Romagna sede di Forlì (FC), Via Carlo Forlanini, 34. 47100 Forlì, Italy

Simon G. Frank

Plastic and Reconstructive Surgery Service, Department of Surgery, Memorial Sloan-Kettering Cancer Center, New York, USA

Teruhiko Fujii

Breast Care Center, National Hospital Organization Kyushu Medical Center, Fukuoka, Japan

Allen Gabriel

Department of Plastic Surgery, Loma Linda University Medical Center, Loma Linda, CA, USA; Peacehealth Medical Group Plastic Surgery, Vancouver, WA, USA

Rolf Gemperli

Division of Plastic Surgery, University of São Paulo School of Medicine, Brazil

Gustavo Gercovich

General Director, IOHM, Buenos Aires, Argentina

Eliana Giaminardi

General Surgery Department, Novi Ligure-Tortona, San Giacomo Hospital, Viale Edilio Raggio 12, 15067 Novi Ligure (Alessandria), Italy

Ernesto Gil Deza

Instituto Oncologico Henry Moore, Buenos Aires, Argentina

Eduardo G. González

Jefe Departamento de Mastología Instituto de Oncología "Ángel H Roffo", Universidad de Buenos Aires, Av. San Martín 5481 CABA (1427), Buenos Aires. República Argentina

Alexander Govshievich

Division of Plastic and Reconstructive Surgery, Department of Surgery, University of Toronto, Toronto, Ontario, Canada

Matthew Griffiths

STAAR St Andrews Anglia Ruskin Research Group, Anglia Ruskin University, Essex, UK; St Andrew's Centre for Plastic Surgery and Burns, Room E322, May over Ward, Level 3, Zone E, West Wing, Broom eld Hospital, Mid Essex Hospital Services NHS Trust, Chelmsford, Essex CM1 7ET, UK

Gudjon Leifur Gunnarsson

Department of Plastic Surgery, Telemark Hospital, Skien, Norway

Geoffrey C. Gurtner

Division of Plastic Surgery, Department of Surgery, Stanford University School of Medicine, Stanford, CA 94305, USA

Mazen Hagouan

Department of Plastic and Aesthetic Surgery, Sana Kliniken Düsseldorf, Düsseldorf, Germany

Dennis Hammond

Private Practice, Partners in Plastic Surgery, Grand Rapids, MI, USA

Alaa Mostafa Hamza

General Surgery Department, Medical Research Institute, Alexandria University, Egypt; Division of Plastic Surgery, European Institute of Oncology, Via Ripamonti, 435-20141 Milano, Italy

Christin Harless

Division of Plastic and Reconstructive Surgery, Mayo Clinic, MN 55905, USA

Mahjabeen Aftab Hashmi

Department of Occupational Therapy, University of Southern California Keck School of Medicine, Los Angeles, CA 90033, USA

Robert Henderson

Department of Radiology, University of Southern California Keck School of Medicine, Los Angeles, CA 90033, USA

Guy Hingston

Port Macquarie Hospital, Australia

Munetsugu Hirata

Department of Digestive Surgery, Breast and Thyroid Surgery, Kagoshima University Graduate School of Medical and Dental Sciences, 8-35-1, Sakuragaoka, Kagoshima 890-8520, Japan

Kouichi Hirokaga

Department of Breast Oncology, Hyogo Cancer Center, Hyogo, Japan

Nai-Si Huang

Department of Breast Surgery, Fudan University Shanghai Cancer Center, Shanghai 200032, China; Department of Oncology, Shanghai Medical College, Fudan University, Shanghai 200032, China

Xiao-Yan Huang

Department of Breast Surgery, Fudan University Shanghai Cancer Center, Shanghai 200032, China; Department of Oncology, Shanghai Medical College, Fudan University, Shanghai 200032, China

David J. Hunter-Smith

Department of Plastic and Reconstructive Surgery, Frankston Hospital, Peninsula Health, Frankston, Victoria 3199, Australia; Monash University Plastic and Reconstructive Surgery Unit (Peninsula Clinical School), Peninsula Health, Frankston, Victoria 3199, Australia

Sumiya Ishigami

Department of Digestive Surgery, Breast and Thyroid Surgery, Kagoshima University Graduate School of Medical and Dental Sciences, 8-35-1, Sakuragaoka, Kagoshima 890-8520, Japan

Kiyoshi Ishigure

Department of Surgery, Konan Kosei Hospital, Aichi, Japan

Steven R. Jacobson

Division of Plastic and Reconstructive Surgery, Mayo Clinic, MN 55905, USA

Alexander J. Kaminsky

INOVA Fairfax Hospital, Falls Church, VA 22042, USA

Tomoyo Kaneko

Kaneko Clinic, Kagoshima, Japan

Shuji Kayano

Plastic and Reconstructive Surgery Department, National Cancer Center Hospital, Tokyo, Japan

Peter Kern

European Breast Center Düsseldorf Luisenkrankenhaus, Düsseldorf, Germany; University Hospital of Essen, Women's Department, University of Duisburg-Essen, Essen, Germany

Yuko Kijima

Department of Digestive Surgery, Breast and Thyroid Surgery, Kagoshima University Graduate School of Medical and Dental Sciences, 8-35-1, Sakuragaoka, Kagoshima 890-8520, Japan

Min Chul Kim

Department of Plastic and Reconstructive Surgery, Kyungpook National University, Daegu, Republic of Korea

John Y. S. Kim

Division of Plastic and Reconstructive Surgery, Feinberg School of Medicine, Northwestern University, Chicago, USA

Rainer Kimmig

European Breast Center Düsseldorf Luisenkrankenhaus, Düsseldorf, Germany

Phatarachate Klaiklern

Breast Clinic, Bangkok Hospital, Rayong, Thailand

Norio Kohno

Department of Breast Oncology, Tokyo Medical University Hospital, Tokyo, Japan

Youwanush Kongdan

Department of Surgery, Faculty of Medicine, Ramathibodi Hospital, Mahidol University, Bangkok, Thailand

Linetta B. Koppert

Erasmus MC Cancer Institute, Department of Surgical Oncology, Rotterdam, the Netherlands

Chihaya Koriyama

Department of Epidemiology and Preventive Medicine, Kagoshima University Graduate School of Medical and Dental Sciences, Sakuragaoka, Kagoshima, Japan

Steven J. Kronowitz

Department of Plastic Surgery, The University of Texas M.D. Anderson Cancer Center, Houston, TX 77030, USA

Hiroshi Kurahara

Department of Digestive Surgery, Breast and Thyroid Surgery, Kagoshima University Graduate School of Medical and Dental Sciences, 8-35-1, Sakuragaoka, Kagoshima 890-8520, Japan

Jeong Woo Lee

Department of Plastic and Reconstructive Surgery, Kyungpook National University, Daegu, Republic of Korea

Monchai Leesombatpaiboon

Department of Surgery, Faculty of Medicine, Ramathibodi Hospital, Mahidol University, Bangkok, Thailand

Sam Leinster

University of East Anglia, Norwich, UK

Panuwat Lertsithichai

Department of Surgery, Faculty of Medicine, Ramathibodi Hospital, Mahidol University, Bangkok, Thailand

Joshua L. Levine

New York Eye and Ear Infirmary at Mt. Sinai, New York, NY, USA; Hackensack University Medical Center, Hackensack, NJ, USA

Chun-Wang Lin

Department of Plastic Surgery, Georgetown University Hospital, Washington, DC, USA

Guang-Yu Liu

Department of Breast Surgery, Fudan University Shanghai Cancer Center, Shanghai 200032, China; Department of Oncology, Shanghai Medical College, Fudan University, Shanghai 200032, China

Visnu Lohsiriwat

Department of Surgery, Faculty of Medicine Siriraj Hospital, Mahidol University, Bangkok, Thailand

Albert Losken

Emory Division of Plastic and Reconstructive Surgery, 550 Peachtree Street NE, Suite 9000, Atlanta GA 30308, USA

Lin-Xiao-Xi Ma

Department of Breast Surgery, Fudan University Shanghai Cancer Center, Shanghai 200032, China; Department of Oncology, Shanghai Medical College, Fudan University, Shanghai 200032, China

Marike C. Majers

VUmc, Department of Plastic and Reconstructive Surgery, Amsterdam, the Netherlands

Charles M. Malata

Cambridge Breast Unit, Addenbrooke's Hospital, Cambridge CB2 0QQ, UK; Faculty of Medical Science, Anglia Ruskin University, Cambridge and Chelmsford, CM1 1SQ, UK

Andrea Manconi

Division of Plastic and Reconstructive Surgery-EIO, Via Ripamonti, 450, Milan, Italy

Oscar Manrique

Division of Plastic and Reconstructive Surgery, University of Southern California Keck School of Medicine, Los Angeles, CA 90033, USA

Lucy Mansfield

Portsmouth Breast Care Centre, Queen Alexandra Hospital, Portsmouth, PO6 3LY, UK

Dan Marsh

St Andrew's Centre for Plastic Surgery and Burns, Broomfield Hospital, Mid Essex Hospital Services NHS Trust, Chelmsford, UK

Angelo do Carmo Silva Matthes

UNAERP, Department of GO and Mastology, Ribeirão Preto-SP, Brazil

G. Patrick Maxwell

Department of Plastic Surgery, Loma Linda University Medical Center, Loma Linda, CA, USA

Shannon Meyer

Department of Surgery/Section of Surgical Oncology, Stanford University School of Medicine, Stanford, CA 94305, USA

Rodrigo Augusto Depieri Michelli

Breast Unit, Barretos Cancer Hospital, R Antenor Villela Duarte, 1331, Barretos-SP, 14784-400, Brazil

George S. Miller

Department of Plastic and Reconstructive Surgery, Frankston Hospital, Peninsula Health, Frankston, Victoria 3199, Australia; Monash University Plastic Surgery Group (Peninsula Clinical School), Peninsula Health, Frankston, Victoria 3199, Australia

Matteo Mingozi

Breast Surgery Unit, G.B. Morgagni-Pierantoni Hospital, AUSL della Romagna sede di Forlì (FC), Via Carlo Forlanini, 34. 47100 Forlì, Italy

Reza Miraliakbari

Private Practice, Fairfax Virginia, USA

Sachio Miyamoto

Tokyo Metropolitan Bokutoh Hospital, Tokyo, Japan

Anita T. Mohan

Department of Plastic Surgery, Mayo Clinic, Rochester, MN, USA; Restoration of Appearance and Function Trust, RAFT, UK

Bahram Momen

Department of Environmental Science and Technology, University of Maryland, College Park, MD, USA

Eduardo Montag

Breast Reconstruction Group, University of São Paulo School of Medicine, Brazil

Filippo Montemurro

Division of Medical Oncology, Unit of Investigative Clinical Oncology, Fondazione del Piemonte per l'Oncologia (FPO)/Institute for Cancer Research and Treatment at Candiolo (IRC@C), Italy

Beatrix Munder

Department of Plastic and Aesthetic Surgery, Sana Kliniken Düsseldorf, Düsseldorf, Germany

Alexandre Mendonça Munhoz

Plastic Surgery Division, Hospital Sírio-Libanês, São Paulo, Brazil

Maurice Y. Nahabedian

Department of Plastic Surgery, Georgetown University Hospital, Washington DC 20007, USA

Akihiro Nakajo

Department of Digestive Surgery, Breast and Thyroid Surgery, Kagoshima University Graduate School of Medical and Dental Sciences, 8-35-1, Sakuragaoka, Kagoshima 890-8520, Japan

Shoji Natsugoe

Department of Digestive Surgery, Breast and Thyroid Surgery, Kagoshima University Graduate School of Medical and Dental Sciences, 8-35-1, Sakuragaoka, Kagoshima 890-8520, Japan

Maurizio Bruno Nava

Scuola di Oncologia Chirurgica Ricostruttiva, Via Besana 4, 20122, Milano, Italy

Carolin Nestle-Krämling

Department of Senology, Sana Kliniken Düsseldorf, Düsseldorf, Germany

Luiz Felipe Nevola Teixeira

Physiotherapy Department, European Institute of Oncology, Via Ripamonti 435, Milan, Italy

Dung Nguyen

Division of Plastic Surgery, Department of Surgery, Stanford University School of Medicine, Stanford, CA 94305, USA

Anongporn Nimboriboonporn

Division of Head, Neck and Breast Surgery, Department of Surgery, Faculty of Medicine Siriraj Hospital, Mahidol University, Bangkok 10700, Thailand

Rachel L. O'Connell

Royal Marsden NHS Foundation Trust, Sutton, UK

Kristina O'Shaughnessy

Chief of Plastic Surgery, St. Thomas Midtown Hospital, Nashville, TN, USA

Hiroshi Okumura

Department of Digestive Surgery, Breast and Thyroid Surgery, Kagoshima University Graduate School of Medical and Dental Sciences, 8-35-1, Sakuragaoka, Kagoshima 890-8520, Japan

Maximilian Otte

Department of Plastic and Aesthetic Surgery, Sana Kliniken Düsseldorf, Düsseldorf, Germany

Areerat Ounhasuttiyanon

Division of Head, Neck and Breast Surgery, Department of Surgery, Faculty of Medicine Siriraj Hospital Mahidol University, Bangkok 10700, Thailand

Ho Yong Park

Department of Surgery, Graduate School of Medicine, Kyungpook National University, Daegu, Republic of Korea

Ketan M. Patel

Department of Plastic Surgery, Georgetown University Hospital, Washington, DC 20007, USA

Nakul Gamanlal Patel

St Andrew's Centre for Plastic Surgery and Burns, Broomfield Hospital, Mid Essex Hospital Services NHS Trust, Chelmsford, UK

Anne Warren Peled

Division of Plastic & Reconstructive Surgery, Department of Surgery, University of California, San Francisco, CA, USA

Jerome H. Pereira

University of East Anglia, Norwich, UK; Department of Breast Surgery, James Paget University Hospital, Norfolk, UK

Merisa Piper

Division of Plastic & Reconstructive Surgery, Department of Surgery, University of California, San Francisco, CA, USA

Riccardo Ponzone

Division of Gynecology, Fondazione del Piemonte per l'Oncologia (FPO)/ Institute for Cancer Research and Treatment at Candiolo (IRC@C), Italy

Poysophon Poysophon

Division of Plastic and Reconstructive Surgery, University of Southern California Keck School of Medicine, Los Angeles, CA 90033, USA

Chen-Lian Quan

Department of Breast Surgery, Fudan University Shanghai Cancer Center, Shanghai 200032, China; Department of Oncology, Shanghai Medical College, Fudan University, Shanghai 200032, China

Tam T. Quinn

Department of Plastic and Reconstructive Surgery,
Frankston Hospital, Peninsula Health, Frankston, Victoria
3199, Australia; Monash University Plastic Surgery Group
(Peninsula Clinical School), Peninsula Health, Frankston,
Victoria 3199, Australia

Venkat V. Ramakrishnan

STAAR St Andrews Anglia Ruskin Research Group, Anglia
Ruskin University, Essex, UK; St Andrew's Centre for
Plastic Surgery and Burns, Room E322, Mayower Ward,
Level 3, Zone E, West Wing, Broomfield Hospital, Mid
Essex Hospital Services NHS Trust, Chelmsford, Essex
CM1 7ET, UK

Alberto O. Rancati

Jefe Division Cirugia Oncoplastica Instituto Oncologico
Henry Moore, Universidad de Buenos Aires, Argentina

Samir Rao

Department of Plastic Surgery, Georgetown University
Hospital, Washington, DC, USA

Pier Carlo Rassu

General Surgery Department, Novi Ligure-Tortona, San
Giacomo Hospital, Viale Edilio Raggio 12, 15067 Novi
Ligure (Alessandria), Italy

Kampol Ratchaworapong

Department of Surgery, Charoenkrung-Pracharak Hospital,
Bangkok, Thailand

Mahdi Rezai

European Breast Center Düsseldorf Luisenkrankenhaus,
Düsseldorf, Germany

Philip Richrath

Department of Plastic and Aesthetic Surgery, Sana Kliniken
Düsseldorf, Düsseldorf, Germany

Mario Rietjens

Division of Plastic Surgery, European Institute of Oncology,
Via Ripamonti, 435-20141 Milano, Italy

Nicola Rocco

Department of Clinical Medicine and Surgery, University
of Naples "Federico II", Via S.Pansini 5, 80131 Naples,
Italy

Supakorn Rojananin

Department of Surgery, Faculty of Medicine Siriraj
Hospital, Mahidol University, Bangkok, Thailand

Camilla Rossi

Breast Surgery Unit, G.B. Morgagni-Pierantoni Hospital,
AUSL della Romagna sede di Forlì (FC), Via Carlo
Forlanini, 34. 47100 Forlì, Italy

Roman Rostagno

Presidente Fundacion Argentina Contra el Cancer, FACEC,
Buenos Aires, Argentina

Marie Rostek

Department of Plastic and Reconstructive Surgery,
Frankston Hospital, Peninsula Health, Frankston, Victoria
3199, Australia; Monash University Plastic Surgery Group
(Peninsula Clinical School), Peninsula Health, Frankston,
Victoria 3199, Australia

Warren Matthew Rozen

Department of Surgery, Monash University, Monash
Medical Centre, Clayton, Victoria 3168, Australia; Monash
University Plastic and Reconstructive Surgery Group
(Peninsula Clinical School), Peninsula Health, Frankston,
Victoria 3199, Australia

Jennifer E. Rusby

Royal Marsden NHS Foundation Trust, Sutton, UK

Yasuaki Sagara

Department of Breast Surgery, Sagara Hospital, Kagoshima,
Japan

Michel Saint-Cyr

Department of Plastic Surgery, Mayo Clinic, Rochester,
MN, USA

Takashi Sakurai

Division of Surgery, Saitama Social Insurance Hospital,
Saitama, Japan

Teruhisa Sakurai

Department of Surgery, Wakayama Medical University,
Kihoku Hospital, Wakayama, Japan

Fabio Sandrin

Physiotherapy Department, European Institute of
Oncology, Via Ripamonti 435, 20141, Milan, Italy