

Oncoplastic Surgery in Management of Breast Cancer

Essay

*Submitted for Partial Fulfillment of Master
Degree In General Surgery*

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قَالُوا سُبْحَانَكَ
لَا عِلْمَ لَنَا
إِلَّا مَا عَلَّمْتَنَا
إِنَّكَ أَنْتَ
الْعَلِيمُ الْحَكِيمُ

صدق الله العظيم
سورة البقرة الآية (٣٢)

الحمد لله رب العالمين
المعين

الحمد لله أن رزقنا من فضله العظيم

الحمد لله الرحمن الرحيم
الحمد لله أن ييسر إمام هذا العمل



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طرق علاج امراض سرطان الثدي عن طريق الجراحات التجميلية للاورام

رسالة

توطئة للحصول علي درجة الماجستير في الجراحة العامة

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٢٠١٦

List of Content

	Page
<i>List of Abbreviations</i>	I
<i>List of Tables</i>	VI
<i>List of Figures</i>	VII
INTRODUCTION	١
AIM OF THE WORK	٤
REVIEW OF LITERATURE	
☒ Breast Cancer Pathology	٥
☒ Diagnosis of Breast Cancer	٣٩
☒ Treatment of breast cancer	٥٨
☒ Oncoplastic Surgery in management of breast cancer	٦٤
Summary	١٧٦
Reference	١٧٨
Arabic Summary	--

List of Abbreviations

MAb	Monoclonal antibody
ABUS	Automated breast ultrasound system
ACB	Anterior cutaneous branches
ADM	Acellular dermal matrix
AJCC	American joint committee on cancer
ASCO	American society of clinical oncology
ASCO	American society of clinical oncology
BCL₂	B-cell lymphoma 2
BCS	Breast conserving surgery
BI-RADS	Breast imaging reporting and data system
BMI	Body mass index
BRCA₁	Breast cancer 1
BRCA₂	Breast cancer 2
BSE	Breast self-examination
BSW-Plasty	Brust spezifische wiederherstellung = breast specific reconstruction
CAP	College of american pathologists
CBC	Complete blood cell
CBE	Clinical breast examination
CC	Cranio-caudal
CCND₁	Cyclin d
CEA	Carcinoembryonic antigen
CEA	Carcinoembryonic antigen
c-erbB-2	Receptor tyrosine kinase
CISH	Chromogenic in situ hybridization
COX-2	Cyclooxygenase-2
CT	Computed tomography
DBT	Digital breast tomosynthesis
DCIS	Ductal carcinoma in situ
DIEP	Deep inferior epigastric artery perforator
DNA	Deoxyribonucleic acid
DS	Distant disease

List of Abbreviations (Cont...)

E-cadherin	Calcium dependant adhesion (epithelial)
EGFR	Epidermal growth factor receptor
EIC	Extensive intraductal component
EMA	Epithelial membrane antigen
EORTC	European organisation for research and treatment of cancer
ER	Estrogen receptors
FDG	Fluorinated glucose
FFDM	Full-field digital mammography
FGF¹/FGF²	Fibroblast growth factor
FGFR¹, FGFR²	Fibroblast growth factor receptor
FISH	Fluorescence in situ hybridization
FlexHD	Human-derived fully hydrated
FNA	Fine needle aspiration
FSA	Frozen section analysis
FU =	Follow-up
GAP	Gluteal artery perforator
GCDFP-15	Gross cystic disease fluid protein 15
HAES	Haes-steril
HE	Hematoxylin/eosin
HER²	Human epidermal growth factor receptor
HMW	High molecular weight
HRAS	Harvey rat sarcoma viral oncogene homolog
IDC	Invasive ductal carcinoma
IGAP	Inferior gluteal artery perforator
IHC	Immunohistochemistry
ILC	Invasive lobular carcinoma
IMA	Internal mammary artery
IMF	Inframammary fold
IMV	Internal mammary vessels
IMV	Internalmammary vein
IU	International unit

List of Abbreviations (Cont...)

LCB	Lateral cutaneous branches
LCIS	Lobular carcinoma in situ
LCIS	Lobular carcinoma in situ
LD	Latissimus dorsi
LD	Latissimus dorsi
LDMF	Latissimus dorsi myocuotanus
LDMF	Latissimus dorsi myocuotanus
LFTs	Liver function tests
LFTs	Liver function tests
LM	Latero-medial
LM	Latero-medial
LR	Local recurrence
LR	Local recurrence
MBC	Metaplastic breast cancer
MBC	Metaplastic breast cancer
MDP	Methylene diphosphonate
MDP	Methylene diphosphonate
ML	Medio-lateral
ML	Medio-lateral
MLO	Medio-lateral-oblique
MLO	Medio-lateral-oblique
MRI	Magnetic resonance imaging
MRI	Magnetic resonance imaging
MRM	Modified radical mastectomy
MRM	Modified radical mastectomy
ms-ΰ	Muscle sparing
ms-ΰ	Muscle sparing
MUCΰ, MUCΰ	Oligometric mucus/gel-forming
MUCΰ, MUCΰ	Oligometric mucus/gel-forming
NAC	Nipple–areolar complex
NAC	Nipple–areolar complex

List of Abbreviations (Cont...)

NC	Neoadjuvant chemotherapy
NC	Neoadjuvant chemotherapy
NCCN	National comprehensive cancer network
NCCN	National comprehensive cancer network
NOS	Not-otherwise-specified
NOS	Not-otherwise-specified
NSABP	National surgical adjuvant breast and bowel project
NSABP	National surgical adjuvant breast and bowel project
NSM	Nipple-sparing mastectomy
NSM	Nipple-sparing mastectomy
OPS	Oncoplastic surgery
OPS	Oncoplastic surgery
PARP	Poly(adenosine diphosphate-ribose) polymerase
PARP	Poly(adenosine diphosphate-ribose) polymerase
P-cadherin	Calcium dependant adhesion (placental)
P-cadherin	Calcium dependant adhesion (placental)
PET	Positron emission tomography
PET	Positron emission tomography
PR	Progesterone receptors
PR	Progesterone receptors
RB	Retinoblastoma tumor suppressor protein
RB	Retinoblastoma tumor suppressor protein
RM	Reduction mammoplasty
RM	Reduction mammoplasty
RS	Recurrence score
RS	Recurrence score
RT	Radiation therapy
RT	Radiation therapy
RT-PCR	Reverse transcriptase–polymerase chain reaction
RT-PCR	Reverse transcriptase–polymerase chain reaction
SGAP	Superior gluteal artery perforator

List of Abbreviations (Cont...)

SGAP	Superior gluteal artery perforator
SICU	Surgical intensive care unit
SICU	Surgical intensive care unit
SIEA	Superficial inferior epigastric artery
SNB	Sentinel lymph node
SNB	Sentinel lymph node biopsy
β-catenin	Beta-catenin
SSM	Skin-sparing mastectomy
TDAP	Thoracodorsal artery perforator
TMG	Transverse myocutaneous gracilis
TP^o3	Tumor protein p ^o 3
TRAM	Transverse rectus abdominis myocutaneous
TUG	Transverse upper gracilis
U.S. FDA	United states food and drug administration
USA	United states of america
VACNB	Vacuum-assisted large-gauge core biopsy

List of Tables

Table No.	Title	Page No.
၁	Ductal Carcinoma in Situ Subtypes	၈
၂	Major molecular subtypes of breast cancer determined by gene expression profiling	၂၈
၃	Use of immunohistochemistry as surrogate marker for the molecular subtypes of breast cancer	၂၉
၄	Grading System in Invasive Breast Cancer (Modified Bloom and Richardson)	၃၁
၅	Tumor staging	၃၄
၆	Risk of malignancy and care plan by BI-RADS category	၄၄
၇	Accuracy of Breast Imaging Modalities	၅၁
၈	Type of OPS – BCS for reconstruction of partial mastectomy defects with respect to the location of the tumor in the breast	၆၆

List of Figures

Fig. No.	Title	Page No.
၁	Intraductal carcinoma, comedo type. Distended duct with intact basement membrane and central tumor necrosis	၄
၂	Intraductal carcinoma, noncomedo type. Distended duct with intact basement membrane	၄
၃	Typical gross appearance of invasive ductal carcinoma	၁၂
၄	Prototypical invasive ductal carcinoma	၁၃
၅	Tubular carcinoma of breast	၁၄
၆	Invasive cribriform carcinoma	၁၅
၇	Typical gelatinous gross appearance of pure mucinous carcinoma	၁၆
၈	Breast cancer. Colloid (mucinous) carcinoma	၁၆
၉	A and B, Gross appearance of medullary carcinoma	၁၇
၁၀	Medullary carcinoma. The large tumor cells grow in a 'syncytial' fashion and are sharply separated from the surrounding stroma	၁၈
၁၁	Gross appearance of metaplastic carcinoma	၂၀
၁၂	A and B, Metaplastic carcinoma. The tumor shown in A exhibits a blending of the carcinomatous and sarcoma-like components	၂၀
၁၃	Gross appearance of secretory carcinoma	၂၁
၁၄	Large tumor embolus in a dermal lymph vessel in a case with the clinical appearance of inflammatory carcinoma	၂၂
၁၅	Eczema-like hyperemic and eroded clinical appearance of Paget disease	၂၃
၁၆	Paget disease	၂၃
၁၇	Invasive lobular carcinoma	၂၄
၁၈	Normal mammograms in a ၄၀-year-old woman show dense breast parenchyma	၄၂
၁၉	Screening mammogram depicts malignant ductal-type microcalcifications	၄၂
၂၀	An invasive ductal carcinoma	၄၂
၂၁	Benign lesion: a fibroadenoma with well-defined edges and a halo sign	၄၃
၂၂	Bilateral mammogram shows diffuse inflammatory carcinoma of the left breast	၄၃

List of Figures

Fig. No.	Title	Page No.
୨୩	Breast cancer, mammogram demonstrates both the spiculated mass (black arrow) and separate anterior focal asymmetry (white arrow)	୧୩
୨୪	Breast cancer, ultrasono-graphy. Radial sonogram shows a mass that is nearly isoechoic relative to breast fat.	୧୪
୨୫	Breast cancer, ultrasono-graphy. Color Doppler sonogram (displayed in black and white in the Doppler color box) demonstrates blood flow in the tumor within the ducts	୧୪
୨୬	(a and b) Oncoplastic reduction mammaplasty using an inferior pedicle	୨୦
୨୭	Superior pedicle oncoplastic reduction mammaplasty surgery steps	୨୧-୨୬
୨୮	Inferior pedicle tumor resection steps	୨୮-୨୯
	Medial / lateral pedicle tumor resection steps	୮୦-୮୩
୨୯	Medial / lateral pedicle for central breast cancer	୮୧
	Round Block Technique (Doughnut Mastopexy)	୮୫-୮୬
୩୦	Superior pedicle mammaplasty and reconstruction of quadrantectomy defects with inferior pedicle flaps	୮୮-୯୧
୩୧	Batwing Technique steps	୯୨-୯୩
୩୨	S-shaped oblique reduction mammaplasty steps	୯୫-୯୬
୩୩	The Grisotti technique steps	୯୭-୯୮
୩୪	Intramammarian flap technique	୧୦୦-୧୦୧
୩୫	The B – plasty steps	୧୦୨-୧୦୫
୩୬	Latissimus dorsi miniflap surgery steps	୧୦୮-୧୧୧
୩୭	Pedicled thoracoepigastric flap surgery steps	୧୧୬-୧୧୮
୩୮	Skin sparing mastectomy steps	୧୨୦-୧୨୧
୩୯	Latissimus dorsi myocutaneous flap surgery steps	୧୨୫-୧୨୭
୪୦	Pedicled TRAM flap surgery steps	୧୩୦-୧୩୫
୪୧	DIEP flap surgery steps	୧୩୮-୧୪୫
୪୨	Transverse myocutaneous gracilis flap surgery steps	୧୪୭-୧୪୮
୪୩	Superior, inferior gluteal artery perforator free flaps surgery steps	୧୫୦
୪୪	Implant reconstruction steps	୧୫୨-୧୫୩
୪୫	Breast reconstruction with tissue expanders steps	୧୫୫-୧୫୯
୪୬	Lipofilling of tissue defects steps	୧୬୦-୧୬୧
୪୭	Preparation of fat injectable	୧୬୧-୧୬୨

List of Figures

Fig. No.	Title	Page No.
٤٨	Regnault's B-technique for contralateral breast adaptation steps	١٦٦
٤٩	a) division of the nipple,	١٦٨
	b) de-epithelialization of recipient site,	١٦٨
	c) fixation of the nipple	١٦٨
٥٠	The skate flap for nipple reconstruction	١٦٩
٥١	The star flap for nipple reconstruction	١٦٩
٥٢	Acellular dermal matrix insertion	١٧١
٥٣	a) Mammogram Cranio-caudal (CC) projection ٤ years after Superior pedicle RM	١٧٣
	b) Mediolateral oblique (MLO) projection	١٧٣
٥٤	Early effects ١ year following surgery and radiation therapy (MLO projection)	١٧٤
٥٥	Late effects two and more years later (MLO projection)	١٧٥