

Breast Cancer in Pregnancy



Registration form

Prospective and Retrospective Register Study of the German Breast Group (GBG) for Diagnosis and Treatment of Breast Cancer in Pregnancy	
Demographic characteristics	
Year of Birth: Documentation for this patient is: prospective oretrospective (informed consent not necessary)	
For registration, the inclusion criteria below must be met:	
Histopathologically confirmed breast cancer diagnosed during pregnancy or young (<=40 years) non pregnant patient? O young non pregnant	- -
Karnofsky Index > = 80 %? ○ yes ○ no	
Course of current pregnancy without clinical findings or complications? O yes O no	
Informed consent (not necessary for retrospective documentation)	
Informed consent given? O yes O no (exclusion, if prospective) Date of informed consent:	
Did the patient consent to the collection and analysis of biomaterials? O yes O no	
FFPE from primary breast tumor available? Oyes Ono If "yes"	
Histo No.:	
Center information	
Country Code Centre No. Date of request: Submitting hospital (including address)	
Name of the submitting doctor	
Phone: Fax:	
Email:	
GBG area (for internal use only)	
The patient has been assigned the patient number: Date of registration:	

BCP (GBG 29) :: Version 3.0 :: GBG Forschungs GmbH

8566243699

GBG GERMAN BREAST GROUP Breast International Group	ntry e Center Patient No. BCP Breast Cancer in Pregnancy
E	Breast Cancer - Histology Form 2
Physical examination	
Ethnological origin of patient:	○ caucasian ○ asian ○ black-african ○ oriental ○ hispanic ○ other
Date of physical examination:	□ n.d.
Weight: kg Heigh	nt: Blood pressure: mm/Hg
Histology	
Date of first clinical symptoms	
Date of histological diagnosis:	corresponding week of pregnancy
Histological method	○ core cut biopsy ○ excisional biopsy
Tumor site	
Localization: Ounilateral TNM - classification: cT pT	O bilateral CN M * PN PN
* If M=1, please specify	the organ:
Histological type of tumour: Tumour grading: Estrogen receptor status: Progesterone receptor status: HER-2 status p53:	ductal invasive
Ki67:	% □ n.k.
Vascular invasion	\bigcirc yes \bigcirc no \square n.k.
Lymphatic invasion:	\bigcirc yes \bigcirc no \square n.k.
BRCA1:	\bigcirc mutated \bigcirc not mutated \bigcirc not reported
BRCA2:	\bigcirc mutated \bigcirc not mutated \bigcirc not reported
Other:	○ mutated ○ not mutated ○ not reported
CRF comment (optional):	



Country Code		Center			Patient No.				



Family History

Form 2a

Checklist for determining a possible predisposition to breast and/or ovarian cand	
A. Patient and her siblings/children	No.
a mamma carcinoma in the patient BEFORE the age of 36	
a unilateral mamma carcinoma in the patient BEFORE the age of 51	
a bilateral mamma carcinoma in the patient, the first of which occurred BEFORE the age of 51	
a unilateral or bilateral mamma carcinoma in the patient AFTER the age of 50	
a fallopian tube carcinoma or primary peritoneal carcinomatosis in the patient	
a mamma carcinoma in sisters/daughters BEFORE the age of 36	
a unilateral mamma carcinoma in sisters/daughters BEFORE the age of 51	
a bilateral mamma carcinoma in sisters/daughters, the first of which occurred BEFORE the age of 51	
a unilateral or bilateral mamma carcinoma in sisters/daughters AFTER the age of 50	
a mamma carcinoma in brothers/sons	
a fallopian tube carcinoma or primary peritoneal carcinomatosis in sisters/daughters	
B. Maternal line	No.
a mamma carcinoma in a female relative BEFORE the age of 36	
a unilateral mamma carcinoma in a female relative BEFORE the age of 51	
a bilateral mamma carcinoma in a female relative, the first of which occurred BEFORE the age of 51	
a unilateral or bilateral mamma carcinoma in a female relative AFTER the age of 50	
a mamma carcinoma in a male relative	
a fallopian tube carcinoma or primary peritoneal carcinomatosis in a female relative	
C. Paternal line	No.
a mamma carcinoma in a female relative BEFORE the age of 36	
a unilateral mamma carcinoma in a female relative BEFORE the age of 51	
a bilateral mamma carcinoma in a female relative, the first of which occurred BEFORE the age of 51	
a unilateral or bilateral mamma carcinoma in a female relative AFTER the age of 50	
a mamma carcinoma in a male relative	
a fallopian tube carcinoma or primary peritoneal carcinomatosis in a female relative	
CRF comment (optional):	

GBG GERMAN BREAST GROUP Breast International Group	Country Center	Patient No. Page No.	BCP Breast Cancer in Pregnancy		
	General Medica	al History	Form 2b		
Relevant past or o	current illnesses or sy	mptoms	<u> </u>		
or symptoms (including	ny relevant current or past ig cardiac history and allerg escription	, , ,	ry below) ○ no □ n.k.		
			□ II.K.		
		Current? O yes O n	o Code*:		
			□ n.k.		
		Current? O yes O n	o Code*:		
			□ n.k.		
		Current? O yes O n	o Code*:		
			□ n.k.		
		Current? O yes O no	o Code*:		
			□ n.k.		
		Current? O yes O no	o Code*:		
*Code for SOC MedDRA-terms: 01 = Infections and infestations; 02 = Neoplasms benign and malignant (including cysts and polyps); 03 = Blood and the lymphatic system disorders; 04 = Immune system disorders; 05 = Endocrine disorders; 06 = Metabolism and nutrition; 07 = Psychiatric disorders; 08 = Nervous system disorders; 09 = Eye disorders; 10 = Ear and labyrinth disorders; 11 = Cardiac disorders; 12 = Vascular disorders; 13 = Respiratory, thoracic and mediastinal disorders; 14 = Gastrointestinal disorders; 15 = Hepato-biliary disorders; 16 = Skin and subcutanous tissue disorders; 17 = Musculoskeletal, connective tissue and bone disorders; 18 = Renal and urinary disorders; 19 = Pregnancy puerperium and prenatal conditions; 20 = Reproductive system and breast disorders; 21 = Congenital and familial/genetic disorders; 22 = General disorders and administration site conditions; 23 = Investigations; 24 = Injury and poisoning; 25 = Surgical and medical procedures; 26 = Social circumstances CRF comment (optional):					

Country Code Center Patient No. BREAST GROUP Country Code Center Patient No.	BCP Breast Cancer in Pregnancy
Previous Pregnancy	Form 2c
Previous Pregnancy	
Number of previous pregnancies grav. par.	
Date of last delivery/interruption:	

GBG GERMAN BREAST GROUP Breast International Group	Country Code Cer	nter P	Patient No.	BCP Breast Cancer in Pregnancy
	Breast Cand	er - Diagr	nosis	Form 3
Physical examinati	on breast			
Clinical signs for cT4:	□ none □ skin involv	rement (T4b) 🗆 inflamma	to chest wall (T4a) tion (T4d)
Assessment date:			□ not done	
Results: O not s	suspicious O suspic	ious O led	to diagnosis of	
Tumour size (largest di	ameters)	X	l lmm	not known not measurable
Tumor site:	unilateral rightIf bilateral, standardlargest indicato	ate site of	eral left ObiliOlef Olef Orig	
The tumor is:	\circ unifocal \circ r	nultifocal	o multicentric	
Nodal status: If cN>0 please lymph nodes affe	ected.	○ cN2	○ cN3 □ infraclavic □ supraclavi	□ n.k.
Ultrasound of brea				
Assessment date:			□ not done	
Results: ○ not s	uspicious O suspici	ous O led	to diagnosis of	
Tumour size (largest di	iameters)	X	mm C	onot measurable onot detectable onot known
The tumor is: Nodal status:	○ unifocal ○ r ○ cN0 ○ cN1		○ multicentric ○ cN3	○ n.d.
If CN>0 please lymph nodes affe		ria interna	☐ infraclavic☐ supraclavi	□ n.k.
Were there any other			○ yes	○ no
If "yes", please specif	y:			
Mammography				
Assessment date:			\square not done	
Results:	not suspicious \bigcirc s	uspicious (○ led to diagno	sis of cacinoma
Tumour size (largest di	iameters)	X	mm 🗆	not known
MRI				
Assessment date: Results: O not su	uspicious O suspicio	ous O led t	\Box not done to diagnosis of	cacinoma
Tumour size (largest di		X		not known
CRF comment (options	al):			



Country Code	Center	Patient No.	Page No.



Systemic Therapy -	· Chemotherapy	Form 4-1				
Chemotherapy and concomitant targeted therapy						
	none e: Number	of cycles				
		cycles, <u>not</u> number of infusions)				
□ EC/AC	total during pre	gnancy prior to surgery				
□ FEC/FAC						
□ E/A mono						
☐ Taxane: → ○ Paclitaxel ○ Docetaxel						
□ CMF						
□ other 1:						
□ other 2:						
□ target:						
· · · · · · · · · · · · · · · · · · ·	-	the reason(s):				
Hematological toxicity:						
Non-hematological toxicity:						
Child (complications during pregnancy/delivery	y): 🗆					
Other (please specify below):						
Commontives the superior						
Supportive therapy Dexamethasone ○ yes ○ no	G-CSF:	○ yes ○ no				
If "yes":mg:	Pegfilgrastim: Antibiotics: Other: If other "yes" , please specif	yesyesnoyesnoyesno				
CRF comment (optional):	CRF comment (optional):					

GBG GERMAN BREAST GROUP Breast International Group	Country Code	Center	Patient No.	Page No.	BCP Breast Cancer in Pregnancy
	Endocrin	e and Tar	geted Therap	ру	Form 4-2
Endocrine therapy	/				
Start Date:		End Date			□ none
Medic	ation		Dose		Number of months
2.					
Targeted therapy					
Start Date:		End Date	:		□ none Number of
Medicat	tion		Dose		infusions/weeks
2.					
Please notic to be docum	e targeted t ented on Fo	herapy giv rm 4-1.	en during ch	emoth	erapy has
CRF comment (option	nal):				

GBG GERMAN BREAST GROUP Breast International Group	Country Code (Center	Patient No.	Page No.	BCF Breast Cano	eer in Pregnancy
	Local 1	Therapy ·	- Surgery		Form	ı 4-3
Surgery						
Date of surgery:						□ none
□ mastectomy □ sentinel noc	erving surgery / de biopsy (SNB), pl e dissection, pleas	-				
If "sentinel node bio	psy" was perform	ned:				
	Number of lymp nodes dissected Number of posit sentinel nodes:	for SNB:				
Sentinal node pro		99 TC sulph Blue dye n.k.	ur colloid			
If "axilla node disse	ction" was perfor	med:				
	Number of lym nodes dissected					
	Number of posi nodes:					
Were there postoperat If "yes", please give i	ive complications? reason(s):	?			○ yes	○ no
CRF comment (options	al):					
	•					

6682062617

BCP (GBG 29) :: Version 3.0 :: GBG Forschungs GmbH

GBG GERMAN BREAST GROUP L Breast International Group	nter Patient No.	Page No.	BCP Breast Cancer in Pregnancy Form 04-4
Radiotherapy			
Start date:	End date:		□ none

BCP (GBG 29) :: Version 3.0 :: GBG Forschungs GmbH 0121506140

CRF comment (optional):

G E	BG ERMAN REAST ROUP.	Reast International Group

Country							
Code							

Cer	Center				tier	nt N	ο.



G R O U P L Breast International Group											Breast Cancer in I	regnancy
Adverse Events 1											Form 4a	
If AE description is not mentioned below, please document on Form 4b.												
Did any adverse event listed below occur during neoadjuvant chemotherapy? O yes (please document below) O no												
Description (on the basis of CTCAE v4.0)				de (1	4	_ n		eatme icatio		.) ₅	Relat Yes	tionship No
Fatigue:	n.p.	0	2	0	4						O	0
Headache:		0	0	0								0
Alopecia:	0	0	0								0	\circ
Nausea:	0	0	0	0							0	0
Anorexia:	0	0	0	0	0						0	0
Vomiting:	0	0	0	0	0						0	0
Diarrhea:	0	0	0	0	0						0	0
Constipation:	0	0	0	0	0						0	0
Mucositis / Esophagitis:	0	0	0	0	0						0	\circ
PPE (HFS):	0	0	0	0							0	0
Allergic reaction:	0	0	0	0	\circ						0	0
Peripheral sensory	0	0	0	0	0						0	0
Arthralgia:	0	0	0	0							0	0
Myalgia:	0	0	0	0							0	0
Epistaxis:	0	0	0	0	\circ						0	0
Dyspnea:	0	0	0	0	\circ						0	0
Fever (without neutropenia):	0	0	0	\circ	\circ						0	\circ
Febrile neutropenia: (ANC <1.0 x 10 /L & fever>=38,5°C)	0			0	0						0	0
Infection, please specify below:	0	0	0	0	0						0	0
	•											
(1) CTC-Grade: n.p.=not present; maxim												

2) Treatm. mod: 1 = no action taken / 2 = Dose delay / 3 = Dose reduction / 4 = Interruption / 5 = Permanent discontinuation

CRF comment (optional):

G B G GERMAN BREAST GROUP Recost International Group	Country	/	(Cent	cer	Pa	itien	t No). 	BC	P Cancer in Pregnancy
For	m 4b -	Ad	lve	rse	Even	ts :	II		'		Form 4b
Did any adverse event not yet documented on Form 4a Adverse Events I occur during neoadjuvant chemotherapy?											
Description:	C	TC-G	irade	(1)	r		eatm fication		.)	Relati	onship
1. Adverse Event	1	2	3	4	1	2	3	4	5	Yes	No
(on the basis of CTCAE v4.0 Description:) 0	0	0	0						0	0
2. Adverse Event											
(on the basis of CTCAE v4.0) (2	3	4	1	2	3	4	5	Yes	No
Description:	, ()	0		0						<u> </u>	
3. Adverse Event	1	2	3	4	1	2	3	4	5	Yes	No
(on the basis of CTCAE v4.0 Description:):	0	0	0						0	0
4. Adverse Event	1	2	3	4	1	2	3	4	5	Yes	No
Description: (on the basis of CTCAE v4.0)	0	0	0	0						0	0
5. Adverse Event	1	2	3	4	1	2	3	4	5	Yes	No
Description: (on the basis of CTCAE v4.0)	0	0	0	0						0	0
(1) CTC-Grade: maximum CTC-Grade, using the Common Terminology Criteria for Adverse Events (CTCAE v4.0) (2) Treatm. mod: 1 = no action taken / 2 = Dose delay / 3 = Dose reduction / 4 = Interruption / 5 = Permanent discontinuation CRF comment (optional):											

B G MAN AST D U P Reast International Group	Country Code Center Patient No.	Page No. BCP Breast Cancer in Pregnancy
	Imaging neoadjuvant patients do chemotherapy	uring Form 4c
Breast ultrasoun	d	
Assessment date:		□ n.d.
Tumor size (same lesion as at baseline, largest diameters):	mm X mm	not measurablenot detectable
	er suspicious findings?	○ yes ○ no
If "yes", please spe	City.	
Other examination		
Other examination		□ n.d.
Other examination:		□ n.d. ○ not measurable ○ not detectable
Other examination: Examination: Assessment date: Tumor size (same lesion as at baseline, largest diameters):	on	O not measurable

CRF comment (optional):

GBG GERMAN BREAST GROUP Breast International Group	Country Code Center Patient No. BCP Breast Cancer in Pregnancy
S	Surgery for neoadjuvant patients
Primary breast sur	gery
Date of the first brea surgery:	est
	ormed within 1-14 days after the completion app cycle? If "no" , please give reason(s):
Were additional surge	·
If "yes" → a	total of additional surgeries were performed.
Date of last s	urgery:
Histology	
Date of histology:	
Histological tumor type:	○ ductal or ductal-lobular invasive○ DCIS○ pCR
	other (please specify):
Tumor grading:	○ 1
Vascular Invasion:	○ yes ○ no ○ pCR
Lymphatic Invasion: Estrogen receptor:	○ yes ○ no ○ pCR
○ positive numb ○ negative staine	er of positive on.k. on.a. (pCR)
I _	er of positive
o negative	ed cells III %:
HER-2/neu status:	\square negative \square IHC+++ \square FISH+ \square n.k. \square n.a. (pCR)
Ki-67 status:	%
TNM-Classification:	ypT ypN
If pN>0 , pleas lymph nodes a	

GBG	A DIC
GERMAN BREAST GROUP	Breast International Group

Country						
Code	Center	-	Pat	tien	nt No.	



Pregnancy and Delivery	Form 5						
Pregnancy							
Pregnancy interrupted O yes O no Last menstrual period:							
Complications during pregnancy O no O yes (please specify below Diagnosis Date of diagnosis Re) elation to cancer therapy						
1	○ none ○ possible ○ probable ○ unknown						
2.	○ none ○ possible ○ probable ○ unknown						
3.	○ none ○ possible ○ probable ○ unknown						
4.	○ none ○ possible ○ probable ○ unknown						
5.	onone opossible probable unknown						
Delivery							
Multiple birth: Oyes Ono (please fill in Form 6 for each baby to twins) Date of birth: in pregnancy we							
Type of birth O spontaneous O operative vaginal delivery O caesarean section							
Histology of Placenta							
Metastasis to placenta? ○ yes ○ no ○ not done							
FFPE from placenta available?	\bigcirc yes \bigcirc no						
If "yes" Histo No.:							
CRF comment (optional):	CRF comment (optional):						

G B G GERMAN BREAST GROUP Coun Code Breast international Group	, <u> </u>	Patient No. Chi	ld No.	BCP Breast Cancer in Pregnancy
Name	Child	k		Form 6
Newborn Gender:	gether with the mothereasons:	arterial pH value venous pH value rolater		after birth
Body weight Body length Cm Hair: corresponding to the age not sufficient Signs of infection yes no If yes, please specify	g	Body weight Body length Hair: correspondin not sufficient Signs of infect yes no If yes, please s	tion	g cm e age
Haematology Please enter the comma in a september of the c	arate field. Unit (or n.d.)	Haemoglobin Leukocytes Platelets CRF comment	comma in a	a separate field. Unit (or n.d.)
BCP (GBG 29) :: Version 3.0 ::	GBG Forschungs Gmbh	1		4858475720

GBG ERMAN REAST ROUP Breast International Group	Country FU Code Center Patient No. No.	BCP Breast Cance	r in Pregnancy
	FU - Follow Up Patient		
Date of Follow u	p Report / Date of last contact		
ate of follow p report:	Date of last contact:		
Patient status			
Patient is alive and Diagnosis of local → Date of first loco-regional relapse:			O no
Diagnosis of dista	nt relapse:	○ yes	○ no
Date of first distant relapse: Location(s) of relapse(s):	□ contralateral breast □ skin □ bone □ LN other than loco-regional □ CNS □ pleural	□ liver	
(mark all that apply)	□ other (please specify):		
Diagnosis of 2nd r → Date of diagnosis:	□ other (please specify):	○ yes	O no
Diagnosis of 2nd n → Date of diagnosis: → Diagnosis:	□ other (please specify):	○ yes	
Diagnosis of 2nd r → Date of diagnosis:	□ other (please specify):		○ no
Diagnosis of 2nd n → Date of diagnosis: → Diagnosis: Patient died:	other (please specify): malignancy: due to breast cancer	○ yes	
Diagnosis of 2nd n → Date of diagnosis: → Diagnosis: Patient died: → Date of death: → Primary cause	other (please specify): malignancy:	○ yes	
Diagnosis of 2nd n → Date of diagnosis: → Diagnosis: Patient died: → Date of death: → Primary cause	other (please specify): malignancy: due to breast cancer	○ yes	

BCP (GBG 29) :: Version 3.0 :: GBG Forschungs GmbH

CRF comment (optional):

3849585259

GBG		An DIC
GERMAN BREAST	Y	१५ छाउ
GROUP L		Breast International Group

Country			FU	
Code	Center	Patient No.	No.	



	FU - Follow Up Patient
Pregnancy outcome	
Pregnancy outcome:	TerminationMiscarriageStill birthLive birth
Week of pregnancy:	
Date of delivery/termination:	•
CRF comment (optional):	
Orti Comment (optional).	

BCP (GBG 29) :: Version 3.0 :: GBG Forschungs GmbH

2654520318



Country Code	′	Center		Patient No.).	Child No.		FU No.				



Follow Up Child

Follow Op Child
Follow-up Child
In case of multiple birth, please fill in this CRF for each child.
Child's outcome:
○ alive ○ lost to follow up -> Date of last contact:
○ dead Date of death: □ . □ not known
O not assessed
Normal developement of the Child?
○ yes ○ no , please specify:
Has an adverse event occurred?
○ yes ○ no
Date of event, if applicable
□ not known
Please specify event:
Relation to mother's cancer therapy: O none O possible O probable O unknown
CRF comment (optional):