KOOPERATIONS GEMEINSCHAFT MAMMOGRAPHIE

Schnittstellenbeschreibung „MSD12“

Befundliste je Pathologe

nach Anhang 12 Anlage 9.2. BMV-Ä/EKV

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1 Einleitung

Die am Mammographie-Screening-Programm beteiligten Pathologen sind verpflichtet, eine Auflistung ihrer Befunde bezogen auf die einzelne Frau zu erstellen. Diese Auflistung muss anonymisiert bezogen auf die untersuchte Frau mindestens die in Anhang 12 Anlage 9.2. BMV-Ä/EKV sowie gemäß Anlage VI Krebsfrüherkennungs-Richtlinien aufgeführten Angaben umfassen und ist den Programmverantwortlichen Ärzten bezogen auf den jeweiligen Pathologen aus der verwendeten Dokumentationssoftware bereitzustellen. Diese Schnittstellenbeschreibung beschreibt die Struktur und das Format der bereitzustellenden Angaben gemäß den Protokollen zur Dokumentation.

2 Dateinamen

Pro Pathologe (Body-Element <arztid>) wird eine Datei erstellt, in der alle Fälle aufgelistet werden, an denen er beteiligt war. Der Dateiname basiert auf dem Dateinamenskonzept der EHD-Spezifikation 1.40 und setzt sich aus folgenden Angaben zusammen:

1. **msd12** Bezeichnung der Schnittstelle
2. **vv.vv** Version der Schnittstelle; Entspricht dem Element ***<version>*** des Header-Elements ***<interface>***.
3. **Primärer Empfänger** der Lieferung. Entspricht dem Element **<id>** des Header-Elements ***<scope>***
4. **Gültigkeitszeitraum** (YYYYMMDD-YYYYMMDD). Entspricht dem Header-Element ***<service_tmr>***. (Da die Dateien jeweils für ein Kalenderjahr erstellt werden, ist hier i.d.R. der Zeitraum vom 01.01. bis zum 31.12. des jeweiligen Kalenderjahres anzugeben)
5. **Arzt-ID** des Pathologen. Entspricht dem Element **<arztid>** des Body-Elements **<msse_bericht><arzt>**
6. **number** Nummer der Lieferung, wird mit „nr“ angehängt. Entspricht inhaltlich dem Header-Element ***<version_nbr>***.

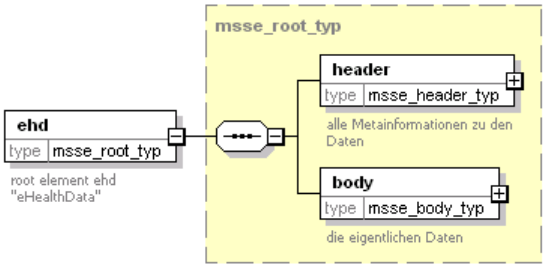
Beispiele:

msd12_1.1 _BAY01_20110101-20111231_at111111_nr1.xml
msd12_1.1 _WL12_20110101-20111231_at2222222_nr2.xml

3. Beschreibung der Schnittstelle nach EHD

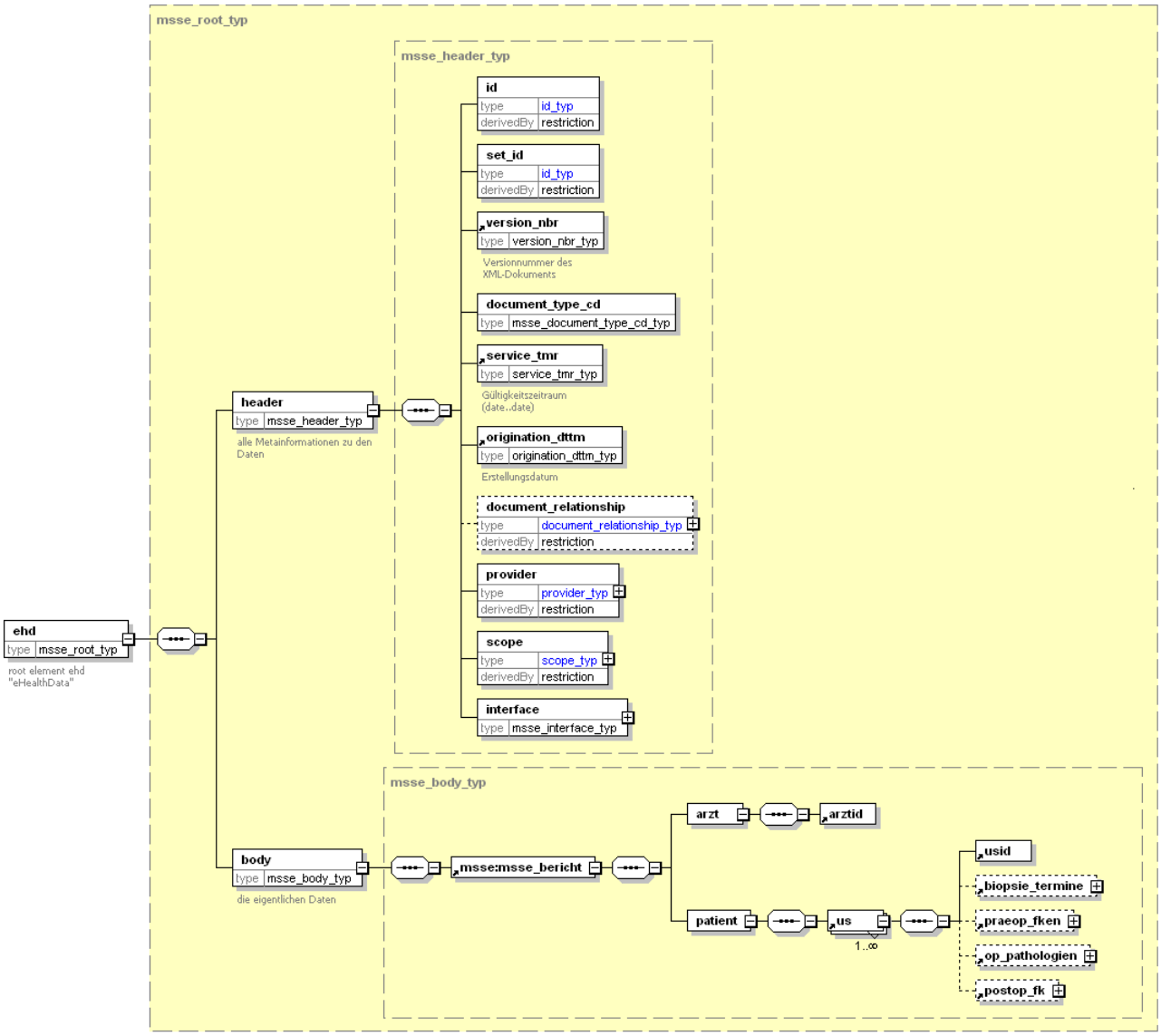
Diese Schnittstelle basiert auf der EHD-Richtlinie V 1.40, die unter http://www.kbv.de/ita/4287.html kostenfrei eingesehen werden kann. Grundsätzlich wird in der vorliegenden Schnittstelle zwischen header und body unterschieden.

element **ehd**

diagram	
namespace	urn:ehd/001
type	**msse_root_typ**
properties	content complex
children	**header** **body**
attributes	Name: ehd_version; Type: **ehd_version_typ**; Use: required; Default; Fixed; annotation
annotation	documentation root element ehd "eHealthData"

Der header enthält sogenannte Metadaten, die für die Validierung der Datei verwendet werden. Hier wird u.a. gespeichert, wer Sender und wer Empfänger der Datenlieferung ist, wann die Datei erstellt wurde, etc. Die genaue Beschreibung der Elemente können Sie der EHD-Spezifikation entnehmen. Für diese Schnittstelle wurden die folgenden Elemente verwendet:

Abbildung 1: Oberste Ebene



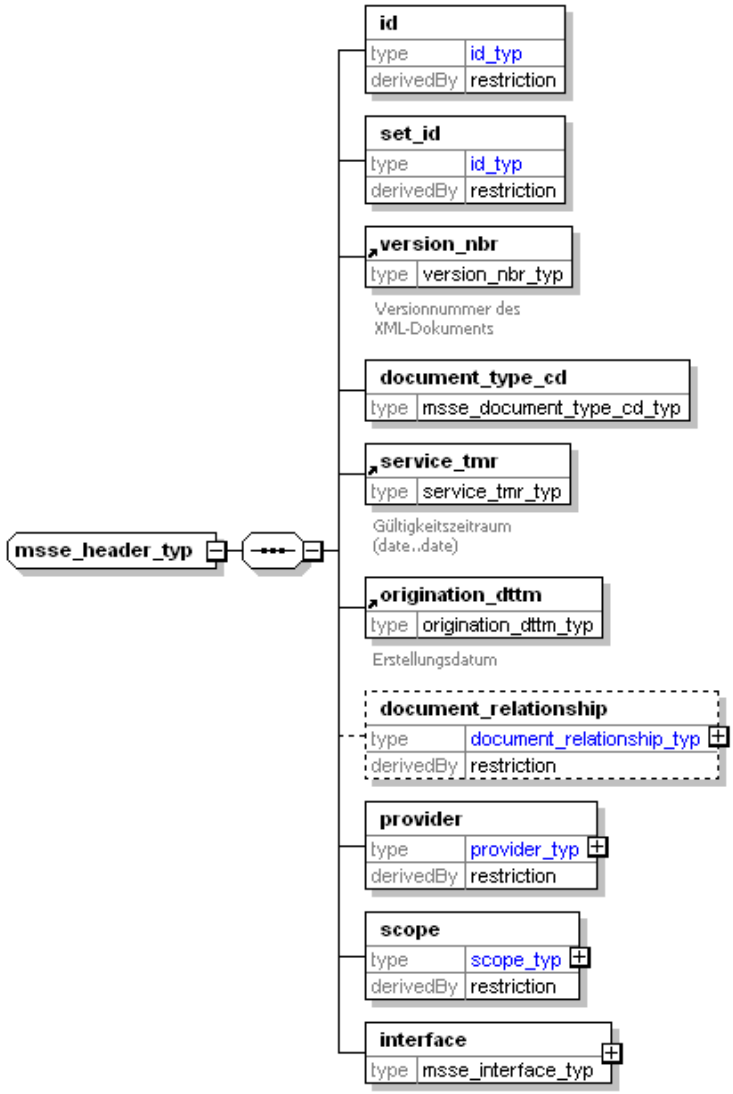
Der Body enthält die für die Qualitätssicherung verwendbaren Daten aus den Screening-Einheiten, wobei die einzelnen Parameter in Form einer Baumstruktur abgelegt werden. Innerhalb des Body wurden die Elemente <arzt> und <patient> definiert.
Das Unterelement von <arzt>, nämlich die <arztid> enthält die Arzt-ID des Pathologen, auf den sich alle Daten beziehen. Da ein Pathologe gleichzeitig für mehrere Screening-Einheiten tätig sein kann, ist die <arztid> nur gemeinsam mit dem Element <scope><id>, welches einen Identifikator der Screening-Einheit enthält, eineindeutig.
Im Unterelement <patient> werden alle patientenbezogenen Informationen angegeben. Da die Angaben in Bezug auf die Patienten anonymisiert erfolgen sollen, werden hier keine weiteren Angaben zu den untersuchten Personen sondern ausschließlich Angaben zu den einzelnen Untersuchungen („us“) gemacht, wobei davon auszugehen ist, dass nicht mehr als eine Untersuchung zu ein und demselben Patienten gehört. Hierzu gehören die in Anhang 12 Anlage 9.2 BMV-Ä/EKV aufgeführten und in den Protokollen zur Evaluation spezifizierten Angaben zu Biopsieterminen („biopsie_termine“), präoperativen

Fallkonferenzen (praeop_fken), durchgeführten Pathologien (op_pathologien), (biopsie_pathologie) und postoperativen Fallkonferenzen (postop_fk). Die einzelnen Parameter zu diesen fünf genannten Ereignissen, die im Rahmen einer Untersuchung mehrfach auftreten können, befinden sich unterhalb dieser Listenelemente. Die Bezeichnungen der Parameter orientieren sich an den Bezeichnungen der Protokolle zur Evaluation, konnten jedoch aus technischen Gründen nicht 1:1 übernommen werden. Die bereitgestellte Anlage enthält eine Zuordnung der in dieser Schnittstelle verwendeten Parameterbezeichnungen zu den in den Protokollen zur Dokumentation verwendeten Parameterbezeichnungen. Genaue Vorgaben zu den einzelnen Parametern finden Sie in den Protolkollen zur Dokumentation.
Folgend die detaillierte Beschreibung der einzelnen Elemente dieser Schnittstelle:

4. Beschreibung des header-Elements Version 1.10

complexType **msse_header_typ**

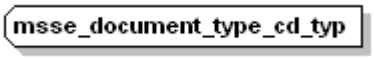
diagram



type	restriction of **ehd_header_typ**

properties	base ehd_header_typ
children	**id** **set_id** **version_nbr** **document_type_cd** **service_tmr** **origination_dttm** **document_relationship** **provider** **scope** **interface**
annotation	alle Metainformationen zu den Daten

complexType **msse_document_type_cd_typ**

diagram	
type	restriction of **document_type_cd_typ**
properties	base document_type_cd_typ
used by	element **msse_header_typ/document_type_cd**

attributes

Name	Type	Use	Default	Fixed	annotation
V	**derived by: xs:string**	required		MSD12	
DN	**xs:string**	prohibited			
SN	**xs:string**	prohibited			
SV	**xs:string**	prohibited			
S	**xs:string**	required		1.2.276.0.76.5.100	

attribute **msse_document_type_cd_typ/@V**

type	restriction of **xs:string**
properties	isRef 0 fixed MSD12 use required

attribute **msse_document_type_cd_typ/@DN**

type	**xs:string**
properties	isRef 0 use prohibited

attribute **msse_document_type_cd_typ/@SN**

type	**xs:string**
properties	isRef 0 use prohibited

attribute **msse_document_type_cd_typ/@SV**

type	**xs:string**
properties	isRef 0 use prohibited

attribute **msse_document_type_cd_typ/@S**

type	**xs:string**
properties	isRef 0 fixed 1.2.276.0.76.5.100 use required

element **msse_header_typ/id**

diagram	
type	restriction of **id_typ**
properties	isRef 0 content complex
used by	complexTypes **ehd_header_typ** **organization_typ** **person_typ** **related_document_typ**
attributes	Name / Type / Use / Default / Fixed / annotation EX / **xs:string** / required RT / **xs:string** / required RTV / **xs:string** / prohibited
annotation	Identifikator der Datenlieferung

attribute **msse_header_typ/id/@EX**

type	**xs:string**
properties	isRef 0 use required

attribute **msse_header_typ/id/@RTV**

type	**xs:string**
properties	isRef 0 use prohibited

element **msse_header_typ/set_id**

diagram	
type	restriction of **id_typ**
properties	isRef 0 content complex
used by	complexTypes **ehd_header_typ** **related_document_typ**
attributes	Name / Type / Use / Default / Fixed / annotation EX / **xs:string** / required RT / **xs:string** / required RTV / **xs:string** / prohibited
annotation	enthält eindeutige Instanz-ID, die über alle Versionen und zusammengehörende Dokumente konstant bleibt

attribute **msse_header_typ/set_id/@EX**

type	**xs:string**
properties	isRef 0 use required

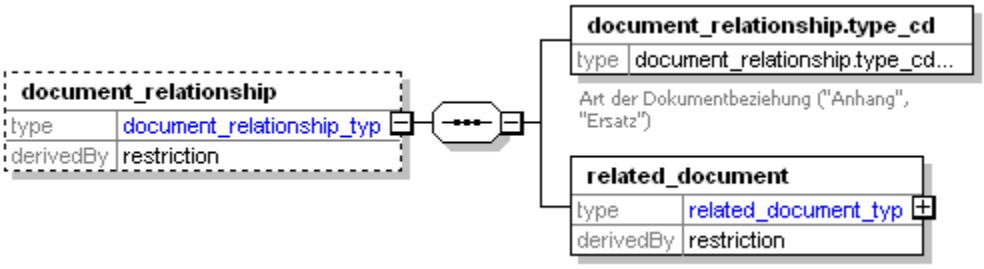
attribute **msse_header_typ/set_id/@RTV**

type	**xs:string**
properties	isRef 0 use prohibited

element **msse_header_typ/document_type_cd**

diagram	
type	**msse_document_type_cd_typ**
properties	isRef 0 content complex
used by	complexType **ehd_header_typ**
attributes	Name / Type / Use / Default / Fixed / annotation V / **derived by: xs:string** / required / / MSD12 / S / **xs:string** / required / / 1.2.276.0.76.5.100 /

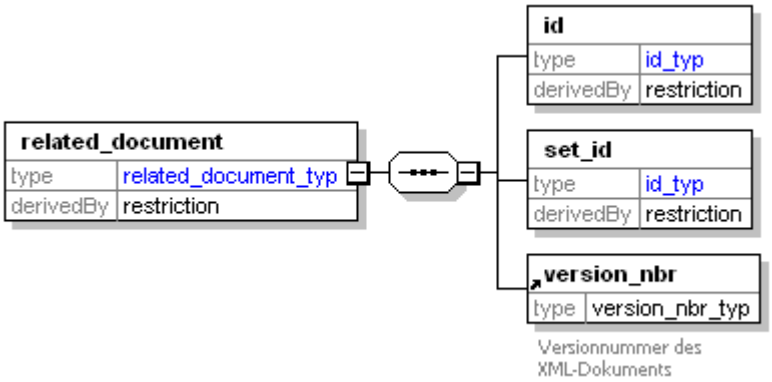
element **msse_header_typ/document_relationship**

diagram	
type	restriction of **document_relationship_typ**
properties	isRef 0 minOcc 0 maxOcc 1 content complex
children	**document_relationship.type_cd** **related_document**
used by	complexType **ehd_header_typ**
annotation	Das Element <document_relationship> beschreibt Beziehungen zu anderen Dokumenten. Im Rahmen dieser Schnittstelle wird das Element verwendet, um auf eine vorhergehende Version zu verweisen, welche durch das aktuelle Dokument ersetzt wird. Hierzu wird die Art der Beziehung und das referenzierte Dokument in den Kindelementen document_relationship.type_cd und related_document angegeben

element **msse_header_typ/document_relationship/document_relationship.type_cd**

diagram	
type	**document_relationship.type_cd_typ**
properties	isRef 0 content complex
attributes	Name / Type / Use / Default / Fixed / annotation V / **xs:string** / required DN / **xs:string** / optional SN / **xs:string** / optional SV / **xs:string** / optional S / **xs:string** / optional / 1.2.276.0.76.5.101
Annotation	Das Element <document_relationship.type_cd> gibt die Art der Beziehung an. Für Ersetzungsbeziehungen ist der Wert des V-Elements mit dem Wert „RPLC“ (replace) fest belegt.

element **msse_header_typ/document_relationship/related_document**

diagram	
type	restriction of **related_document_typ**
properties	isRef 0 content complex
children	**id** **set_id** **version_nbr**
used by	complexType **document_relationship_typ**
annotation	Beziehung zu früheren Datenlieferungen nach MSD12

element **msse_header_typ/document_relationship/related_document/id**

diagram	
type	restriction of **id_typ**
properties	isRef 0 content complex
used by	complexTypes **ehd_header_typ** **organization_typ** **person_typ** **related_document_typ**

attributes	Name	Type	Use	Default	Fixed	annotation
	EX	**xs:string**	required			
	RT	**xs:string**	required			
	RTV	**xs:string**	prohibited			
annotation	Das Kindelement <id> verweist dabei auf die ID im header desjenigen Dokuments, das ersetzt werden soll. Die ID unterliegt den gleichen Datentypenbestimmungen.					

attribute **msse_header_typ/document_relationship/related_document/id/@EX**

type	**xs:string**
properties	isRef 0 use required

attribute **msse_header_typ/document_relationship/related_document/id/@RTV**

type	**xs:string**
properties	isRef 0 use prohibited

element **msse_header_typ/document_relationship/related_document/set_id**

diagram	
type	restriction of **id_typ**
properties	isRef 0 content complex
used by	complexTypes **ehd_header_typ** **related_document_typ**
attributes	Name / Type / Use / Default / Fixed / annotation EX / **xs:string** / required RT / **xs:string** / required RTV / **xs:string** / prohibited
annotation	enthält eindeutige Instanz-ID, die über alle Versionen und zusammgengehörende Dokumente konstant bleibt

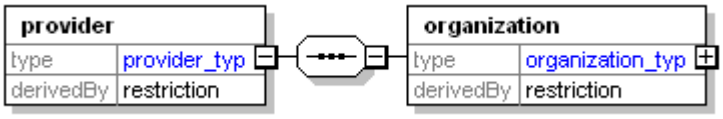
attribute **msse_header_typ/document_relationship/related_document/set_id/@EX**

type	**xs:string**
properties	isRef 0 use required

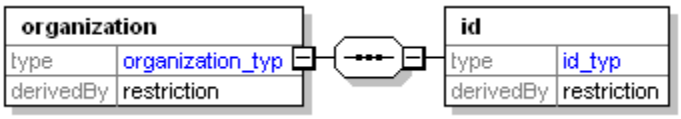
attribute **msse_header_typ/document_relationship/related_document/set_id/@RTV**

type	**xs:string**
properties	isRef 0 use prohibited

element **msse_header_typ/provider**

diagram	
type	restriction of **provider_typ**
properties	isRef 0 content complex
children	**organization**
used by	complexType **ehd_header_typ**
annotation	Das Element <provider> beinhaltet die Angaben, welcher Softwarehersteller die Daten bereitstellt.

element **msse_header_typ/provider/organization**

diagram	
type	restriction of **organization_typ**
properties	isRef 0 content complex
children	**id**
used by	complexTypes **intended_recipient_typ** **originator_typ** **provider_typ**
annotation	Angabe zum Softwarehersteller, der die Daten der Screening-Einheit bereitstellt.

element **msse_header_typ/provider/organization/id**

diagram	
type	restriction of **id_typ**
properties	isRef 0 content complex
used by	complexTypes **ehd_header_typ** **organization_typ** **person_typ** **related_document_typ**
attributes	Name / Type / Use / Default / Fixed / annotation EX / **xs:string** / required RT / **xs:string** / required RTV / **xs:string** / prohibited
annotation	Name des Softwareherstellers, der die Daten der Screening-Einheit bereitstellt.

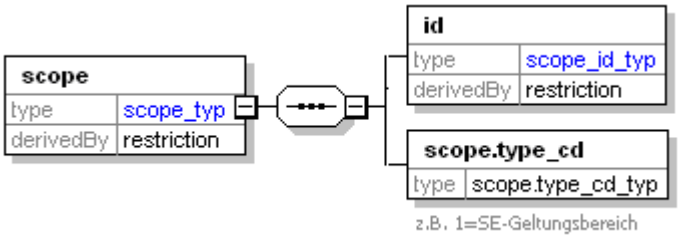
attribute **msse_header_typ/provider/organization/id/@EX**

type	**xs:string**
properties	isRef 0 use required

attribute **msse_header_typ/provider/organization/id/@RTV**

type	**xs:string**
properties	isRef 0 use prohibited

element **msse_header_typ/scope**

diagram	
type	restriction of **scope_typ**
properties	isRef 0 content complex
children	**id** **scope.type_cd**
used by	complexType **ehd_header_typ**
annotation	Das Element „Geltungsbereich“ <scope> ist ein Pflichtelement und enthält die Angaben zu der Screening-Einheit, auf die sich die Daten der jeweiligen Datei beziehen. Das Element beinhaltet zwei Elemente <scope.type_cd> und <id>.

element **msse_header_typ/scope/id**

diagram	
type	restriction of **scope_id_typ**
properties	isRef 0 content complex
used by	complexTypes **ehd_header_typ** **organization_typ** **person_typ** **related_document_typ**
attributes	Name / Type / Use / Default / Fixed / annotation EX / **xs:string** / required RTV / **xs:string** / prohibited RT / **xs:string** / required / 1.2.276.0.76.5.106
annotation	Die ID der Screening-Einheit, auf die sich die Daten der jeweiligen Datei beziehen. Das Element <id> enthält im EX-Attribut die Screening-Einheit-ID aus der Tabelle mit der OID: 1.2.276.0.76.5.106. Im RT-Attribut steht die Angabe der entsprechenden Schlüsseltabelle „1.2.276.0.76.5.106“.

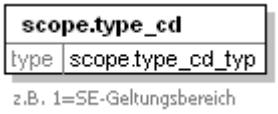
attribute **msse_header_typ/scope/id/@EX**

type	**xs:string**
properties	isRef 0 use required

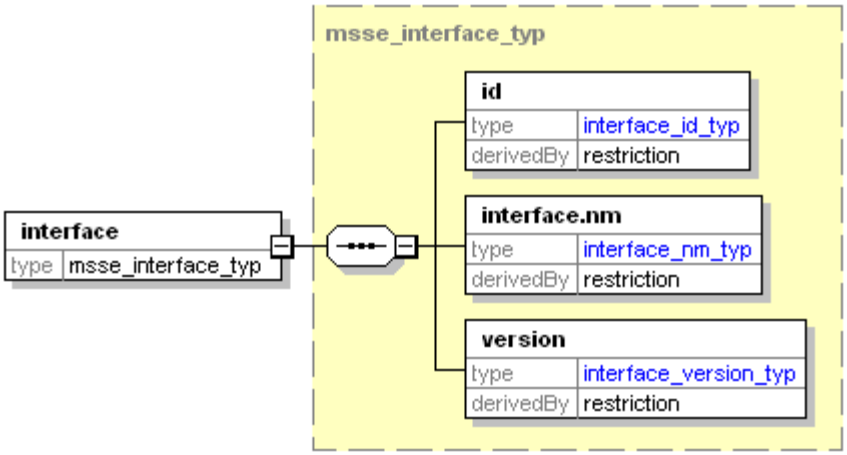
attribute **msse_header_typ/scope/id/@RTV**

type	**xs:string**
properties	isRef 0 use prohibited

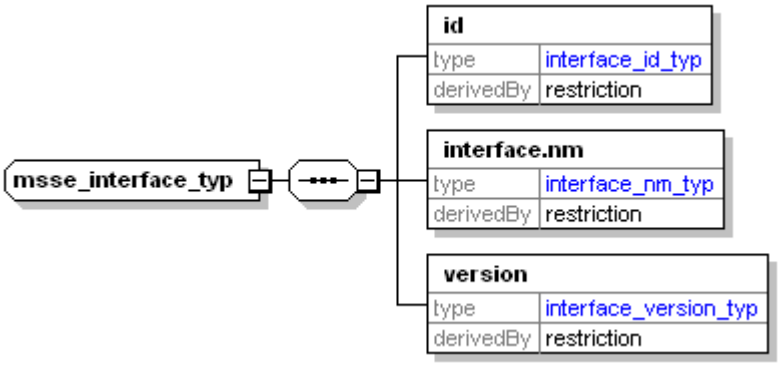
element **msse_header_typ/scope/scope.type_cd**

diagram	
type	**scope.type_cd_typ**
properties	isRef 0 content complex
attributes	Name / Type / Use / Default / Fixed / annotation V / **xs:string** / required DN / **xs:string** / optional SN / **xs:string** / optional SV / **xs:string** / optional S / **xs:string** / optional / 1.2.276.0.76.5.107
annotation	documentation z.B. 1=SE-Geltungsbereich

element **msse_header_typ/interface**

diagram	
type	**msse_interface_typ**
properties	isRef 0 content complex
children	**id** **interface.nm** **version**
used by	complexType **ehd_header_typ**
annotation	Das Element <id> enthält die eindeutige Kennung der Schnittstelle, welche in einer entsprechenden Schlüsseltabelle hinterlegt ist.

complexType **msse_interface_typ**

diagram	
type	restriction of **interface_typ**
properties	base interface_typ
children	**id** **interface.nm** **version**
used by	element **msse_header_typ/interface**

element **msse_interface_typ/id**

diagram	
type	restriction of **interface_id_typ**
properties	isRef 0 content complex
used by	complexTypes **ehd_header_typ** **organization_typ** **person_typ** **related_document_typ**
attributes	

Name	Type	Use	Default	Fixed	annotation
EX	**xs:string**	required		MSD12	
RTV	**xs:string**	prohibited			
RT	**xs:string**	required		1.2.276.0.76.5.109	

attribute **msse_interface_typ/id/@EX**

type	**xs:string**
properties	isRef 0 fixed MSD12 use required

attribute **msse_interface_typ/id/@RTV**

type	**xs:string**
properties	isRef 0 use prohibited

element **msse_interface_typ/interface.nm**

diagram	
type	restriction of **interface_nm_typ**

properties	isRef 0 content complex					
attributes	Name	Type	Use	Default	Fixed	annotation
	V	**xs:string**	required		MSD12 Bericht	
annotation	Das Element <interface.nm> enthält die eindeutige Kennung der Schnittstelle.					

attribute **msse_interface_typ/interface.nm/@V**

type	**xs:string**
properties	isRef 0 fixed MSD12 Bericht use required

element **msse_interface_typ/version**

diagram	**version** type interface_version_typ derivedBy restriction
type	restriction of **interface_version_typ**
properties	isRef 0 content complex
attributes	Name / Type / Use / Default / Fixed / annotation V / **xs:string** / required / / 1.10 /
annotation	Das Element ***<version>*** enthält die Versionsnummer dieser Schnittstellenbeschreibung.

attribute **msse_interface_typ/version/@V**

type	**xs:string**
properties	isRef 0 fixed 1.10 use required

element **version_nbr**

diagram	**version_nbr** type version_nbr_typ Versionnummer des XML-Dokuments
namespace	urn:ehd/001
type	**version_nbr_typ**
properties	content complex
used by	element **msse_header_typ/document_relationship/related_document** complexTypes **ehd_header_typ** **msse_header_typ** **related_document_typ**
attributes	Name / Type / Use / Default / Fixed / annotation V / **xs:nonNegativeInteger** / required / / /
annotation	Versionnummer des XML-Dokuments, das ersetzt werden soll. Da jeder Betrachtungszeitraum mehrfach bereitgestellt wird, kennzeichnet eine <version_nbr> (direkt im Element<header>), um die wievielte Datenlieferung des sich handelt. Die <version_nbr> im Element <related_document> verweist auf die vorherige Datenlieferung, zu der nun aktuellere Daten vorliegen.

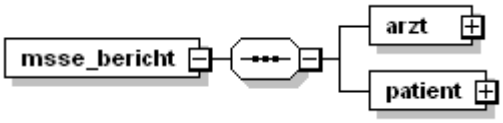
5 Beschreibung des body-Elements Version 1.10

Elemente in msse_bericht

arztid
biopsie_patho
biopsie_patho_adenose_kolumnarzellen
biopsie_patho_andere_maligne
biopsie_patho_arztid
biopsie_patho_b1_klasse
biopsie_patho_datum
biopsie_patho_dcis
biopsie_patho_dcis-kernmalignitaet
biopsie_patho_dcis-komedonekrosen
biopsie_patho_dcis-who-grading
biopsie_patho_empf_biopsie
biopsie_patho_ergebnis
biopsie_patho_fettgewebsnekrose
biopsie_patho_fibroadenom
biopsie_patho_flache_epithel_atypie
biopsie_patho_hamartom
biopsie_patho_inv-grading
biopsie_patho_inv-typ
biopsie_patho_invasiv
biopsie_patho_lob_neoplasie
biopsie_patho_lob_neoplasie_nekro
biopsie_patho_makrozysten
biopsie_patho_markierung_fobi
biopsie_patho_mastitis_duktektasie
biopsie_patho_mastopathie
biopsie_patho_narbe
biopsie_patho_papillaere_laesion
biopsie_patho_pash
biopsie_patho_phylloides
biopsie_patho_proliferation
biopsie_patho_ref
biopsie_patho_skleros_adenose
biopsie_patho_sonstige_b3_laesion
biopsie_patho_sonstige_benigne
biopsie_patho_unklar_dcis_invasiv
biopsie_t_lae_biopsie_art
biopsie_t_lae_biopsie_sonst
biopsie_t_lae_lokalisation
biopsie_t_lae_seite
biopsie_t_laesion
biopsie_t_laesionen
biopsie_t_med_bemerkung
biopsie_termin
biopsie_termine
laesion_id
op_patho
op_patho_abstand-rand
op_patho_adenom-mamille
op_patho_adenose
op_patho_adenose_kolumnarzellen
op_patho_andere_maligne
op_patho_arztid
op_patho_atyp_hyperplasie
postop_fk
postop_fk_kor_praeop_patho
praeop_fk
praeop_fk_lae_bildgebung
praeop_fk_lae_lokalisation
op_patho_dcis-kernmalignitaet
op_patho_dcis-komedonekrosen
op_patho_dcis-morbus-paget
op_patho_dcis_spez
op_patho_er
op_patho_er-status
op_patho_fettgewebsnekrose
op_patho_fibroadenom
op_patho_flache_epithel_atypie
op_patho_gefaessinv
op_patho_hamartom
op_patho_her2-score
op_patho_infiltration-rand
op_patho_inv-grading
op_patho_inv-groesse-tumor
op_patho_inv-typ-andere
op_patho_inv-typ-duktal
op_patho_inv-typ-lobulaer
op_patho_inv-typ-medullaer
op_patho_inv-typ-muzinoes
op_patho_inv-typ-tubulaer
op_patho_invasiv
op_patho_ish-analyse
op_patho_lk-andere
op_patho_lk-andere-anz
op_patho_lk-andere-anz-pos
op_patho_lk-andere_lokalisation
op_patho_lk-axilladis
op_patho_lk-axilladis-anz
op_patho_lk-axilladis-anz-pos
op_patho_lk-sentinel
op_patho_lk-sentinel-anz
op_patho_lk-sentinel-anz-pos
op_patho_lk-sentinel-anz-pos-itz
op_patho_lk-sentinel-metastasen
op_patho_lob_neoplasie
op_patho_lokalisation
op_patho_lokalisation-rand
op_patho_maligne_spez
op_patho_markierung_fobi
op_patho_mastitis_duktektasie
op_patho_benigne
op_patho_dcis
op_patho_dcis-grading
op_patho_dcis-groesse
op_patho_pash
op_patho_pgr
op_patho_pgr-status
op_patho_phylloides_benigne
op_patho_skleros_adenose
op_patho_sonstige_benigne
op_patho_sonstige_benigne_spez
op_patho_tumor_gesamtgroesse
op_patho_zyste
op_pathologien
praeop_fk_lae_seite
praeop_fk_laesion
praeop_fk_laesionen
praeop_fken
us

usid

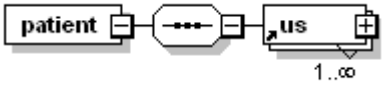
element **msse_bericht**

diagram	
properties	content complex
children	**arzt** **patient**

element **msse_bericht/arzt**

diagram	
properties	isRef 0 content complex
children	**arztid**
annotation	Enthält die Arzt-ID des Pathologen, auf den sich alle Angaben dieser Datei beziehen. Jede Datei muss die Arzt-ID enthalten. Die Arzt-ID wird zusätzlich zu einem Teil des Dateinamens

element **msse_bericht/patient**

diagram	
properties	isRef 0 content complex
children	**us**
annotation	Patientenbezogene Informationen: Enthält alle Informationen zu den Untersuchungen.

element **arztid**

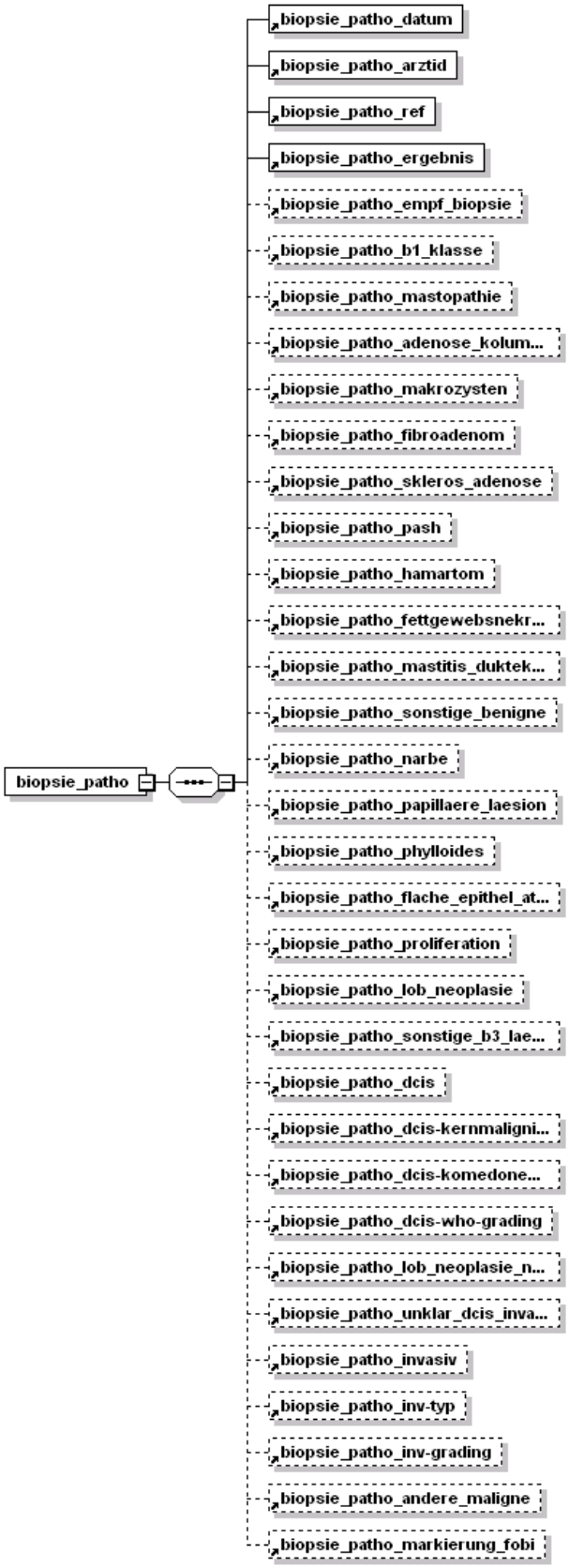
diagram	
properties	content complex
used by	element **msse_bericht/arzt**
attributes	Name: V; Type: **xs:string**; Use: required; Default; Fixed; annotation
annotation	Arzt-ID des Pathologen, auf den sich alle Angaben dieser Datei beziehen. Jede Datei muss die Arzt-ID enthalten. Die Arzt-ID wird zu einem Teil des Dateinamens. Mehrere Pathologen können Angaben zu einem einzigen Fall dokumentieren. Da nur Fälle in der Datei aufgeführt werden, bei denen der hier ausgewiesene Pathologe an der Untersuchung beteiligt war, muss die arztid für jeden ausgewiesenen Fall entweder mit der biopsie_patho_arztid (Punkt 14.1 der Protokolle zur Dokumentation) oder der op_patho_arztid (Punkt 17.3 der Protokolle zur Dokumentation) übereinstimmen.

attribute **arztid/@V**

type	**xs:string**
properties	isRef 0 use required

element **biopsie_patho**

diagram


biopsie_patho
biopsie_patho_datum
biopsie_patho_arztid
biopsie_patho_ref
biopsie_patho_ergebnis
biopsie_patho_empf_biopsie
biopsie_patho_b1_klasse
biopsie_patho_mastopathie
biopsie_patho_adenose_kolum...
biopsie_patho_makrozysten
biopsie_patho_fibroadenom
biopsie_patho_skleros_adenose
biopsie_patho_pash
biopsie_patho_hamartom
biopsie_patho_fettgewebsnekr...
biopsie_patho_mastitis_duktek...
biopsie_patho_sonstige_benigne
biopsie_patho_narbe
biopsie_patho_papillaere_laesion
biopsie_patho_phylloides
biopsie_patho_flache_epithel_at...
biopsie_patho_proliferation
biopsie_patho_lob_neoplasie
biopsie_patho_sonstige_b3_lae...
biopsie_patho_dcis
biopsie_patho_dcis-kernmaligni...
biopsie_patho_dcis-komedone...
biopsie_patho_dcis-who-grading
biopsie_patho_lob_neoplasie_n...
biopsie_patho_unklar_dcis_inva...
biopsie_patho_invasiv
biopsie_patho_inv-typ
biopsie_patho_inv-grading
biopsie_patho_andere_maligne
biopsie_patho_markierung_fobi

properties	content complex
children	biopsie_patho_datum biopsie_patho_arztid biopsie_patho_ref biopsie_patho_ergebnis biopsie_patho_empf_biopsie biopsie_patho_b1_klasse biopsie_patho_mastopathie biopsie_patho_adenose_kolumnarzellen biopsie_patho_makrozysten biopsie_patho_fibroadenom biopsie_patho_skleros_adenose biopsie_patho_pash biopsie_patho_hamartom biopsie_patho_fettgewebsnekrose biopsie_patho_mastitis_duktektasie biopsie_patho_sonstige_benigne biopsie_patho_narbe biopsie_patho_papillaere_laesion biopsie_patho_phylloides biopsie_patho_flache_epithel_atypie biopsie_patho_proliferation biopsie_patho_lob_neoplasie biopsie_patho_sonstige_b3_laesion biopsie_patho_dcis biopsie_patho_dcis-kernmalignitaet biopsie_patho_dcis-komedonekrosen biopsie_patho_dcis-who-grading biopsie_patho_lob_neoplasie_nekro biopsie_patho_unklar_dcis_invasiv biopsie_patho_invasiv biopsie_patho_inv-typ biopsie_patho_inv-grading biopsie_patho_andere_maligne biopsie_patho_markierung_fobi
used by	element biopsie_t_laesion

element **biopsie_patho_adenose_kolumnarzellen**

diagram	biopsie_patho_adenose_kolum...					
properties	content complex					
used by	element biopsie_patho					
attributes	Name	Type	Use	Default	Fixed	annotation
	V	**derived by: xs:string**	optional			

attribute **biopsie_patho_adenose_kolumnarzellen/@V**

type	restriction of **xs:string**		
properties	isRef 0 use optional		
facets	Kind	Value	annotation
	enumeration	nein	
	enumeration	ja	

element **biopsie_patho_andere_maligne**

diagram	biopsie_patho_andere_maligne					
properties	content complex					
used by	element biopsie_patho					
attributes	Name	Type	Use	Default	Fixed	annotation
	V	**xs:string**	optional			

attribute **biopsie_patho_andere_maligne/@V**

type	**xs:string**
properties	isRef 0 use optional

element **biopsie_patho_arztid**

diagram	**biopsie_patho_arztid**					
properties	content	complex				
used by	element	**biopsie_patho**				
attributes	Name	Type	Use	Default	Fixed	annotation
	V	**xs:string**	required			

attribute **biopsie_patho_arztid/@V**

type	**xs:string**
properties	isRef 0 use required

element **biopsie_patho_b1_klasse**

diagram	**biopsie_patho_b1_klasse**					
properties	content	complex				
used by	element	**biopsie_patho**				
attributes	Name	Type	Use	Default	Fixed	annotation
	V	**derived by: xs:string**	optional			

attribute **biopsie_patho_b1_klasse/@V**

type	restriction of **xs:string**		
properties	isRef 0 use optional		
facets	Kind	Value	annotation
	enumeration	Gewebe nicht verwertbar	
	enumeration	Normalgewebe ohne Drüsen	
	enumeration	Normalgewebe mit Drüsen	

element **biopsie_patho_datum**

diagram	**biopsie_patho_datum**					
properties	content	complex				
used by	element	**biopsie_patho**				
attributes	Name	Type	Use	Default	Fixed	annotation
	V	**xs:date**	required			

attribute **biopsie_patho_datum/@V**

type	**xs:date**
properties	isRef 0

	use required

element **biopsie_patho_dcis**

diagram	**biopsie_patho_dcis**
properties	content complex
used by	element **biopsie_patho**
attributes	Name: V; Type: **derived by: xs:string**; Use: optional; Default; Fixed; annotation

attribute **biopsie_patho_dcis/@V**

type	restriction of **xs:string**
properties	isRef 0 use optional
facets	Kind: enumeration, Value: nein; Kind: enumeration, Value: ja; annotation

element **biopsie_patho_dcis-kernmalignitaet**

diagram	**biopsie_patho_dcis-kernmaligni...**
properties	content complex
used by	element **biopsie_patho**
attributes	Name: V; Type: **derived by: xs:string**; Use: optional; Default; Fixed; annotation

attribute **biopsie_patho_dcis-kernmalignitaet/@V**

type	restriction of **xs:string**
properties	isRef 0 use optional
facets	Kind: enumeration, Value: micht abschätzbar; Kind: enumeration, Value: niedrig; Kind: enumeration, Value: intermediär; Kind: enumeration, Value: hoch; annotation

element **biopsie_patho_dcis-komedonekrosen**

diagram	**biopsie_patho_dcis-komedone...**
properties	content complex
used by	element **biopsie_patho**

attributes	Name	Type	Use	Default	Fixed	annotation
	V	**derived by: xs:string**	optional			

attribute **biopsie_patho_dcis-komedonekrosen/@V**

type	restriction of **xs:string**		
properties	isRef 0 use optional		
facets	Kind	Value	annotation
	enumeration	nein	
	enumeration	ja	

element **biopsie_patho_dcis-who-grading**

diagram	**biopsie_patho_dcis-who-grading**					
properties	content complex					
used by	element **biopsie_patho**					
attributes	Name	Type	Use	Default	Fixed	annotation
	V	**derived by: xs:string**	optional			

attribute **biopsie_patho_dcis-who-grading/@V**

type	restriction of **xs:string**		
properties	isRef 0 use optional		
facets	Kind	Value	annotation
	enumeration	low grade	
	enumeration	intermediate grade	
	enumeration	high grade	
	enumeration	nicht beurteilbar	

element **biopsie_patho_empf_biopsie**

diagram	**biopsie_patho_empf_biopsie**					
properties	content complex					
used by	element **biopsie_patho**					
attributes	Name	Type	Use	Default	Fixed	annotation
	V	**xs:string**	optional			

attribute **biopsie_patho_empf_biopsie/@V**

type	**xs:string**
properties	isRef 0 use optional

element **biopsie_patho_ergebnis**

diagram	**biopsie_patho_ergebnis**					
properties	content complex					
used by	element **biopsie_patho**					
attributes	Name	Type	Use	Default	Fixed	annotation
	V	**derived by: xs:string**	required			

attribute **biopsie_patho_ergebnis/@V**

type	restriction of **xs:string**		
properties	isRef 0 use required		
facets	Kind	Value	annotation
	enumeration	B1 - nicht verwertbar oder nur Normalgewebe	
	enumeration	B2 - benigne	
	enumeration	B3 - benigne, aber unsicheres Malignitätspotential	
	enumeration	B4 - malignitätsverdächtig	
	enumeration	B5(a) - maligne - DCIS	
	enumeration	B5(b) - maligne - invasiv	
	enumeration	B5(c) - maligne - unklar ob DCIS oder invasiv	
	enumeration	B5(d) - andere maligne Neoplasien	

element **biopsie_patho_fettgewebsnekrose**

diagram	**biopsie_patho_fettgewebsnekr...**					
properties	content complex					
used by	element **biopsie_patho**					
attributes	Name	Type	Use	Default	Fixed	annotation
	V	**derived by: xs:string**	optional			

attribute **biopsie_patho_fettgewebsnekrose/@V**

type	restriction of **xs:string**		
properties	isRef 0 use optional		
facets	Kind	Value	annotation
	enumeration	nein	
	enumeration	ja	

element **biopsie_patho_fibroadenom**

diagram	**biopsie_patho_fibroadenom**

properties	content	complex				
used by	element	**biopsie_patho**				
attributes	Name	Type	Use	Default	Fixed	annotation
	V	**derived by: xs:string**	optional			

attribute **biopsie_patho_fibroadenom/@V**

type	restriction of **xs:string**		
properties	isRef	0	
	use	optional	
facets	Kind	Value	annotation
	enumeration	nein	
	enumeration	ja	

element **biopsie_patho_flache_epithel_atypie**

diagram	**biopsie_patho_flache_epithel_at...**					
properties	content	complex				
used by	element	**biopsie_patho**				
attributes	Name	Type	Use	Default	Fixed	annotation
	V	**derived by: xs:string**	optional			

attribute **biopsie_patho_flache_epithel_atypie/@V**

type	restriction of **xs:string**		
properties	isRef	0	
	use	optional	
facets	Kind	Value	annotation
	enumeration	nein	
	enumeration	ja	

element **biopsie_patho_hamartom**

diagram	**biopsie_patho_hamartom**					
properties	content	complex				
used by	element	**biopsie_patho**				
attributes	Name	Type	Use	Default	Fixed	annotation
	V	**derived by: xs:string**	optional			

attribute **biopsie_patho_hamartom/@V**

type	restriction of **xs:string**	
properties	isRef	0
	use	optional

facets	Kind	Value	annotation
	enumeration	nein	
	enumeration	ja	

element **biopsie_patho_inv-grading**

diagram	**biopsie_patho_inv-grading**					
properties	content	complex				
used by	element	**biopsie_patho**				
attributes	Name	Type	Use	Default	Fixed	annotation
	V	**derived by: xs:string**	optional			

attribute **biopsie_patho_inv-grading/@V**

type	restriction of **xs:string**		
properties	isRef	0	
	use	optional	
facets	Kind	Value	annotation
	enumeration	1	
	enumeration	2	
	enumeration	3	
	enumeration	nicht beurteilbar	

element **biopsie_patho_inv-typ**

diagram	**biopsie_patho_inv-typ**					
properties	content	complex				
used by	element	**biopsie_patho**				
attributes	Name	Type	Use	Default	Fixed	annotation
	V	**derived by: xs:string**	optional			

attribute **biopsie_patho_inv-typ/@V**

type	restriction of **xs:string**		
properties	isRef	0	
	use	optional	
facets	Kind	Value	annotation
	enumeration	duktaler Typ	
	enumeration	lobulärer Typ	
	enumeration	tubulärer Typ	
	enumeration	medullärer Typ	
	enumeration	muzinöser Typ	
	enumeration	anderer spezieller Typ (inkl. Mischtypen)	

element **biopsie_patho_invasiv**

diagram	**biopsie_patho_invasiv**					
properties	content complex					
used by	element **biopsie_patho**					
attributes	Name	Type	Use	Default	Fixed	annotation
	V	**derived by: xs:string**	optional			

attribute **biopsie_patho_invasiv/@V**

type	restriction of **xs:string**		
properties	isRef 0 use optional		
facets	Kind	Value	annotation
	enumeration	nein	
	enumeration	ja	

element **biopsie_patho_lob_neoplasie**

diagram	**biopsie_patho_lob_neoplasie**					
properties	content complex					
used by	element **biopsie_patho**					
attributes	Name	Type	Use	Default	Fixed	annotation
	V	**derived by: xs:string**	optional			

attribute **biopsie_patho_lob_neoplasie/@V**

type	restriction of **xs:string**		
properties	isRef 0 use optional		
facets	Kind	Value	annotation
	enumeration	nein	
	enumeration	ja	

element **biopsie_patho_lob_neoplasie_nekro**

diagram	**biopsie_patho_lob_neoplasie_n...**					
properties	content complex					
used by	element **biopsie_patho**					
attributes	Name	Type	Use	Default	Fixed	annotation
	V	**derived by: xs:string**	optional			

attribute **biopsie_patho_lob_neoplasie_nekro/@V**

type	restriction of **xs:string**
properties	isRef 0 use optional
facets	Kind / Value / annotation enumeration nein enumeration ja

element **biopsie_patho_makrozysten**

diagram	**biopsie_patho_makrozysten**
properties	content complex
used by	element **biopsie_patho**
attributes	Name / Type / Use / Default / Fixed / annotation V / **derived by: xs:string** / optional

attribute **biopsie_patho_makrozysten/@V**

type	restriction of **xs:string**
properties	isRef 0 use optional
facets	Kind / Value / annotation enumeration nein enumeration ja

element **biopsie_patho_markierung_fobi**

diagram	**biopsie_patho_markierung_fobi**
properties	content complex
used by	element **biopsie_patho**
attributes	Name / Type / Use / Default / Fixed / annotation V / **derived by: xs:string** / optional

attribute **biopsie_patho_markierung_fobi/@V**

type	restriction of **xs:string**
properties	isRef 0 use optional
facets	Kind / Value / annotation enumeration nein enumeration ja

element **biopsie_patho_mastitis_duktektasie**

diagram	biopsie_patho_mastitis_duktek...					
properties	content complex					
used by	element **biopsie_patho**					
attributes	Name	Type	Use	Default	Fixed	annotation
	V	**derived by: xs:string**	optional			

attribute **biopsie_patho_mastitis_duktektasie/@V**

type	restriction of **xs:string**		
properties	isRef 0 use optional		
facets	Kind	Value	annotation
	enumeration	nein	
	enumeration	ja	

element **biopsie_patho_mastopathie**

diagram	biopsie_patho_mastopathie					
properties	content complex					
used by	element **biopsie_patho**					
attributes	Name	Type	Use	Default	Fixed	annotation
	V	**derived by: xs:string**	optional			

attribute **biopsie_patho_mastopathie/@V**

type	restriction of **xs:string**		
properties	isRef 0 use optional		
facets	Kind	Value	annotation
	enumeration	nein	
	enumeration	ja	

element **biopsie_patho_narbe**

diagram	biopsie_patho_narbe					
properties	content complex					
used by	element **biopsie_patho**					
attributes	Name	Type	Use	Default	Fixed	annotation
	V	**derived by: xs:string**	optional			

attribute **biopsie_patho_narbe/@V**

type	restriction of **xs:string**
properties	isRef 0 use optional
facets	Kind / Value / annotation enumeration nein enumeration ja

element **biopsie_patho_papillaere_laesion**

diagram	**biopsie_patho_papillaere_laesion**
properties	content complex
used by	element **biopsie_patho**
attributes	Name / Type / Use / Default / Fixed / annotation V / **derived by: xs:string** / optional

attribute **biopsie_patho_papillaere_laesion/@V**

type	restriction of **xs:string**
properties	isRef 0 use optional
facets	Kind / Value / annotation enumeration nein enumeration ja

element **biopsie_patho_pash**

diagram	**biopsie_patho_pash**
properties	content complex
used by	element **biopsie_patho**
attributes	Name / Type / Use / Default / Fixed / annotation V / **derived by: xs:string** / optional

attribute **biopsie_patho_pash/@V**

type	restriction of **xs:string**
properties	isRef 0 use optional
facets	Kind / Value / annotation enumeration nein enumeration ja

element **biopsie_patho_phylloides**

diagram	**biopsie_patho_phylloides**					
properties	content complex					
used by	element **biopsie_patho**					
attributes	Name V	Type **derived by: xs:string**	Use optional	Default	Fixed	annotation

attribute **biopsie_patho_phylloides/@V**

type	restriction of **xs:string**		
properties	isRef 0 use optional		
facets	Kind enumeration enumeration	Value ja nein	annotation

element **biopsie_patho_proliferation**

diagram	**biopsie_patho_proliferation**					
properties	content complex					
used by	element **biopsie_patho**					
attributes	Name V	Type **derived by: xs:string**	Use optional	Default	Fixed	annotation

attribute **biopsie_patho_proliferation/@V**

type	restriction of **xs:string**		
properties	isRef 0 use optional		
facets	Kind enumeration enumeration	Value nein ja	annotation

element **biopsie_patho_ref**

diagram	**biopsie_patho_ref**					
properties	content complex					
used by	element **biopsie_patho**					
attributes	Name V	Type **derived by: xs:string**	Use required	Default	Fixed	annotation

attribute **biopsie_patho_ref/@V**

type	restriction of **xs:string**
properties	isRef 0 use required
facets	Kind / Value / annotation enumeration nein enumeration ja

element **biopsie_patho_skleros_adenose**

diagram	**biopsie_patho_skleros_adenose**
properties	content complex
used by	element **biopsie_patho**
attributes	Name / Type / Use / Default / Fixed / annotation V / **derived by: xs:string** / optional

attribute **biopsie_patho_skleros_adenose/@V**

type	restriction of **xs:string**
properties	isRef 0 use optional
facets	Kind / Value / annotation enumeration nein enumeration ja

element **biopsie_patho_sonstige_b3_laesion**

diagram	**biopsie_patho_sonstige_b3_lae...**
properties	content complex
used by	element **biopsie_patho**
attributes	Name / Type / Use / Default / Fixed / annotation V / **derived by: xs:string** / optional

attribute **biopsie_patho_sonstige_b3_laesion/@V**

type	restriction of **xs:string**
properties	isRef 0 use optional
facets	Kind / Value / annotation enumeration nein enumeration ja

element **biopsie_patho_sonstige_benigne**

diagram	**biopsie_patho_sonstige_benigne**					
properties	content complex					
used by	element **biopsie_patho**					
attributes	Name V	Type **derived by: xs:string**	Use optional	Default	Fixed	annotation

attribute **biopsie_patho_sonstige_benigne/@V**

type	restriction of **xs:string**		
properties	isRef 0 use optional		
facets	Kind enumeration enumeration	Value nein ja	annotation

element **biopsie_patho_unklar_dcis_invasiv**

diagram	**biopsie_patho_unklar_dcis_inva...**					
properties	content complex					
used by	element **biopsie_patho**					
attributes	Name V	Type **derived by: xs:string**	Use optional	Default	Fixed	annotation

attribute **biopsie_patho_unklar_dcis_invasiv/@V**

type	restriction of **xs:string**		
properties	isRef 0 use optional		
facets	Kind enumeration enumeration	Value nein ja	annotation

element **biopsie_t_lae_biopsie_art**

diagram	**biopsie_t_lae_biopsie_art**					
properties	content complex					
used by	element **biopsie_t_laesion**					
attributes	Name V	Type **derived by: xs:string**	Use required	Default	Fixed	annotation

attribute **biopsie_t_lae_biopsie_art/@V**

type	restriction of **xs:string**
properties	isRef 0 use required
facets	Kind / Value / annotation enumeration: Stanzbiopsie unter Ultraschallkontrolle enumeration: Stanzbiopsie unter Röntgenkontrolle enumeration: Vakuumbiopsie enumeration: Offene Biopsie enumeration: Sonstige Biopsie

element **biopsie_t_lae_biopsie_sonst**

diagram	**biopsie_t_lae_biopsie_sonst**
properties	content complex
used by	element **biopsie_t_laesion**
attributes	Name / Type / Use / Default / Fixed / annotation V / **xs:string** / optional

attribute **biopsie_t_lae_biopsie_sonst/@V**

type	**xs:string**
properties	isRef 0 use optional

element **biopsie_t_lae_lokalisation**

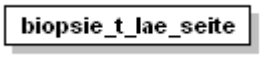
diagram	**biopsie_t_lae_lokalisation**
properties	content complex
used by	element **biopsie_t_laesion**
attributes	Name / Type / Use / Default / Fixed / annotation V / **derived by: xs:string** / required

attribute **biopsie_t_lae_lokalisation/@V**

type	restriction of **xs:string**
properties	isRef 0 use required
facets	Kind / Value / annotation enumeration: 01:00 Uhr enumeration: 02:00 Uhr enumeration: 03:00 Uhr enumeration: 04:00 Uhr enumeration: 05:00 Uhr enumeration: 06:00 Uhr

	enumeration 07:00 Uhr enumeration 08:00 Uhr enumeration 09:00 Uhr enumeration 10:00 Uhr enumeration 11:00 Uhr enumeration 12:00 Uhr enumeration retromamillär

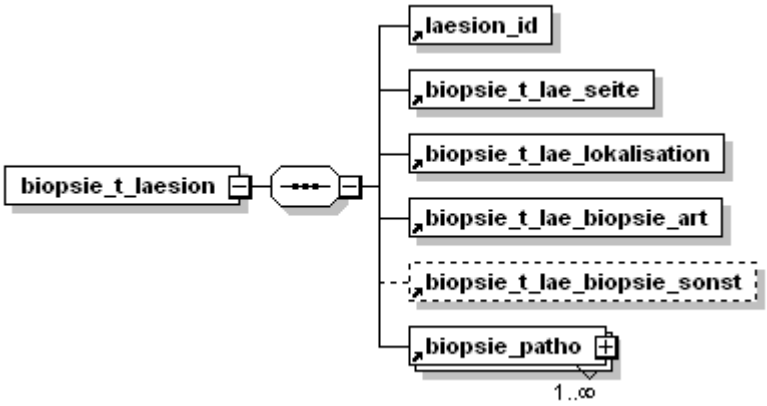
element **biopsie_t_lae_seite**

diagram	
properties	content complex
used by	element **biopsie_t_laesion**
attributes	Name: V; Type: **derived by: xs:string**; Use: required; Default; Fixed; annotation

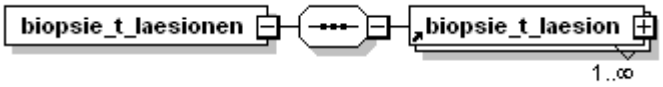
attribute **biopsie_t_lae_seite/@V**

type	restriction of **xs:string**
properties	isRef 0 use required
facets	Kind / Value / annotation enumeration rechts enumeration links

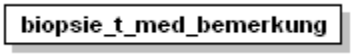
element **biopsie_t_laesion**

diagram	
properties	content complex
children	**laesion_id** **biopsie_t_lae_seite** **biopsie_t_lae_lokalisation** **biopsie_t_lae_biopsie_art** **biopsie_t_lae_biopsie_sonst** **biopsie_patho**
used by	element **biopsie_t_laesionen**

element **biopsie_t_laesionen**

diagram	
properties	content complex
children	**biopsie_t_laesion**
used by	element **biopsie_termin**

element **biopsie_t_med_bemerkung**

diagram						
properties	content complex					
attributes	Name	Type	Use	Default	Fixed	annotation
	V	**xs:string**	optional			

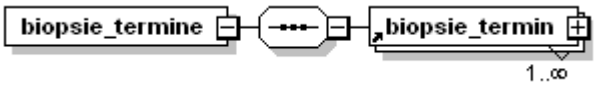
attribute **biopsie_t_med_bemerkung/@V**

type	**xs:string**
properties	isRef 0 use optional

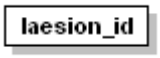
element **biopsie_termin**

diagram	
properties	content complex
children	**biopsie_t_laesionen**
used by	element **biopsie_termine**

element **biopsie_termine**

diagram	
properties	content complex
children	**biopsie_termin**
used by	element **us**

element **laesion_id**

diagram	

properties	content	complex				
used by	elements	**biopsie_t_laesion op_patho praeop_fk_laesion**				
attributes	Name	Type	Use	Default	Fixed	annotation
	V	**xs:nonNegativeInteger**	required			

attribute **laesion_id/@V**

type	**xs:nonNegativeInteger**
properties	isRef 0 use required

element **op_patho**

diagram

properties	content complex
children	laesion_id op_patho_arztidop_patho_benigne op_patho_mastopathie op_patho_adenose_kolumnarzellen op_patho_fibroadenom op_patho_adenose op_patho_skleros_adenose op_patho_pash op_patho_hamartom op_patho_fettgewebsnekrose op_patho_papillom-solitaer op_patho_papillom-mutiple op_patho_narbe op_patho_zyste op_patho_mastitis_duktektasie op_patho_adenom-mamille op_patho_phylloides_benigne op_patho_sonstige_benigne op_patho_atyp_hyperplasie op_patho_flache_epithel_atypie op_patho_lob_neoplasie op_patho_sonstige_benigne_spez op_patho_dcis op_patho_dcis-groesse op_patho_dcis-kernmalignitaet op_patho_dcis-komedonekrosen op_patho_dcis-grading op_patho_dcis-morbus-paget op_patho_mikroinvasion op_patho_dcis_spez op_patho_invasiv op_patho_inv-typ-duktal op_patho_inv-typ-lobulaer op_patho_inv-typ-tubulaer op_patho_inv-typ-medullaer op_patho_inv-typ-muzinoes op_patho_inv-typ-andere op_patho_inv-grading op_patho_inv-groesse-tumor op_patho_tumor_gesamtgroesse op_patho_andere_maligne op_patho_maligne_spez op_patho_gefaessinv op_patho_lk-sentinel op_patho_lk-sentinel-anz op_patho_lk-sentinel-anz-pos-itz op_patho_lk-sentinel-anz-pos op_patho_lk-sentinel-metastasen op_patho_lk-axilladis op_patho_lk-axilladis-anz op_patho_lk-axilladis-anz-pos op_patho_lk-andere op_patho_lk-andere_lokalisation op_patho_lk-andere-anz op_patho_lk-andere-anz-pos op_patho_infiltration-rand op_patho_abstand-rand op_patho_lokalisation-rand op_patho_er op_patho_er-status op_patho_pgr op_patho_pgr-status op_patho_her2-score op_patho_ish-analyse op_patho_markierung_fobi
used by	element op_pathologien

element **op_patho_abstand-rand**

diagram	op_patho_abstand-rand					
properties	content complex					
used by	element op_patho					
attributes	Name	Type	Use	Default	Fixed	annotation
	V	**xs:nonNegativeInteger**	optional			

attribute **op_patho_abstand-rand/@V**

type	**xs:nonNegativeInteger**
properties	isRef 0 use optional

element **op_patho_adenom-mamille**

diagram	op_patho_adenom-mamille					
properties	content complex					
used by	element op_patho					
attributes	Name	Type	Use	Default	Fixed	annotation
	V	**derived by: xs:string**	optional			

attribute **op_patho_adenom-mamille/@V**

type	restriction of **xs:string**		
properties	isRef 0 use optional		
facets	Kind	Value	annotation
	enumeration	ja	
	enumeration	nein	

element **op_patho_adenose**

diagram	op_patho_adenose					
properties	content complex					
used by	element **op_patho**					
attributes	Name	Type	Use	Default	Fixed	annotation
	V	**derived by: xs:string**	optional			

attribute **op_patho_adenose/@V**

type	restriction of **xs:string**		
properties	isRef 0 use optional		
facets	Kind	Value	annotation
	enumeration	ja	
	enumeration	nein	

element **op_patho_adenose_kolumnarzellen**

diagram	op_patho_adenose_kolumnarze...					
properties	content complex					
used by	element **op_patho**					
attributes	Name	Type	Use	Default	Fixed	annotation
	V	**derived by: xs:string**	optional			

attribute **op_patho_adenose_kolumnarzellen/@V**

type	restriction of **xs:string**		
properties	isRef 0 use optional		
facets	Kind	Value	annotation
	enumeration	ja	
	enumeration	nein	

element **op_patho_andere_maligne**

diagram	op_patho_andere_maligne					
properties	content complex					
used by	element **op_patho**					
attributes	Name	Type	Use	Default	Fixed	annotation
	V	**xs:string**	required			

attribute **op_patho_andere_maligne/@V**

type	**xs:string**
properties	isRef 0 use required

element **op_patho_arztid**

diagram	op_patho_arztid					
properties	content complex					
used by	element **op_patho**					
attributes	Name	Type	Use	Default	Fixed	annotation
	V	**derived by: xs:string**	required			

attribute **op_patho_arztid/@V**

type	restriction of **xs:string**
properties	isRef 0 use required

element **op_patho_atyp_hyperplasie**

diagram	op_patho_atyp_hyperplasie					
properties	content complex					
used by	element **op_patho**					
attributes	Name	Type	Use	Default	Fixed	annotation
	V	**derived by: xs:string**	optional			

attribute **op_patho_atyp_hyperplasie/@V**

type	restriction of **xs:string**		
properties	isRef 0 use optional		
facets	Kind	Value	annotation
	enumeration	ja	
	enumeration	nein	

element **op_patho_benigne**

diagram	op_patho_benigne					
properties	content complex					
used by	element **op_patho**					
attributes	Name	Type	Use	Default	Fixed	annotation

	V	**derived by: xs:string**	required

attribute **op_patho_benigne/@V**

type	restriction of **xs:string**
properties	isRef 0 use required
facets	Kind / Value / annotation enumeration ja enumeration nein

element **op_patho_dcis**

diagram	op_patho_dcis
properties	content complex
used by	element **op_patho**
attributes	Name / Type / Use / Default / Fixed / annotation V / **derived by: xs:string** / optional

attribute **op_patho_dcis/@V**

type	restriction of **xs:string**
properties	isRef 0 use optional
facets	Kind / Value / annotation enumeration ja enumeration nein

element **op_patho_dcis-grading**

diagram	op_patho_dcis-grading
properties	content complex
used by	element **op_patho**
attributes	Name / Type / Use / Default / Fixed / annotation V / **derived by: xs:string** / optional

attribute **op_patho_dcis-grading/@V**

type	restriction of **xs:string**
properties	isRef 0 use optional
facets	Kind / Value / annotation enumeration 1 (low grade) enumeration 2 (intermediate grade) enumeration 3 (high grade)

	enumeration	nicht zu beurteilen

element **op_patho_dcis-groesse**

diagram	op_patho_dcis-groesse					
properties	content	complex				
used by	element	**op_patho**				
attributes	Name	Type	Use	Default	Fixed	annotation
	V	**xs:integer**	optional			

attribute **op_patho_dcis-groesse/@V**

type	**xs:integer**
properties	isRef 0 use optional

element **op_patho_dcis-kernmalignitaet**

diagram	op_patho_dcis-kernmalignitaet					
properties	content	complex				
used by	element	**op_patho**				
attributes	Name	Type	Use	Default	Fixed	annotation
	V	**derived by: xs:string**	optional			

attribute **op_patho_dcis-kernmalignitaet/@V**

type	restriction of **xs:string**		
properties	isRef 0 use optional		
facets	Kind	Value	annotation
	enumeration	niedrig	
	enumeration	intermediär	
	enumeration	hoch	
	enumeration	nicht abschätzbar	

element **op_patho_dcis-komedonekrosen**

diagram	op_patho_dcis-komedonekrosen					
properties	content	complex				
used by	element	**op_patho**				
attributes	Name	Type	Use	Default	Fixed	annotation
	V	**derived by: xs:string**	optional			

attribute **op_patho_dcis-komedonekrosen/@V**

type	restriction of **xs:string**
properties	isRef 0 use optional
facets	Kind / Value / annotation enumeration ja enumeration nein

element **op_patho_dcis-morbus-paget**

diagram	op_patho_dcis-morbus-paget
properties	content complex
used by	element **op_patho**
attributes	Name / Type / Use / Default / Fixed / annotation V / **derived by: xs:string** / optional

attribute **op_patho_dcis-morbus-paget/@V**

type	restriction of **xs:string**
properties	isRef 0 use optional
facets	Kind / Value / annotation enumeration ja enumeration nein

element **op_patho_dcis_spez**

diagram	op_patho_dcis_spez
properties	content complex
used by	element **op_patho**
attributes	Name / Type / Use / Default / Fixed / annotation V / **xs:string** / optional

attribute **op_patho_dcis_spez/@V**

type	**xs:string**
properties	isRef 0 use optional

element **op_patho_er**

diagram	op_patho_er
properties	content complex

used by	element **op_patho**					
attributes	Name	Type	Use	Default	Fixed	annotation
	V	**derived by: xs:string**	optional			

attribute **op_patho_er/@V**

type	restriction of **xs:string**	
properties	isRef 0 use optional	
facets	Kind	Value	annotation
	enumeration	ja	
	enumeration	nein	

element **op_patho_er-status**

diagram	op_patho_er-status					
properties	content complex					
used by	element **op_patho**					
attributes	Name	Type	Use	Default	Fixed	annotation
	V	**xs:nonNegativeInteger**	optional			

attribute **op_patho_er-status/@V**

type	**xs:nonNegativeInteger**
properties	isRef 0 use optional

element **op_patho_fettgewebsnekrose**

diagram	op_patho_fettgewebsnekrose					
properties	content complex					
used by	element **op_patho**					
attributes	Name	Type	Use	Default	Fixed	annotation
	V	**derived by: xs:string**	optional			

attribute **op_patho_fettgewebsnekrose/@V**

type	restriction of **xs:string**	
properties	isRef 0 use optional	
facets	Kind	Value	annotation
	enumeration	ja	
	enumeration	nein	

element **op_patho_fibroadenom**

diagram	op_patho_fibroadenom					
properties	content complex					
used by	element **op_patho**					
attributes	Name	Type	Use	Default	Fixed	annotation
	V	**derived by: xs:string**	optional			

attribute **op_patho_fibroadenom/@V**

type	restriction of **xs:string**		
properties	isRef 0 use optional		
facets	Kind	Value	annotation
	enumeration	ja	
	enumeration	nein	

element **op_patho_flache_epithel_atypie**

diagram	op_patho_flache_epithel_atypie					
properties	content complex					
used by	element **op_patho**					
attributes	Name	Type	Use	Default	Fixed	annotation
	V	**derived by: xs:string**	optional			

attribute **op_patho_flache_epithel_atypie/@V**

type	restriction of **xs:string**		
properties	isRef 0 use optional		
facets	Kind	Value	annotation
	enumeration	ja	
	enumeration	nein	

element **op_patho_gefaessinv**

diagram	op_patho_gefaessinv					
properties	content complex					
used by	element **op_patho**					
attributes	Name	Type	Use	Default	Fixed	annotation
	V	**derived by: xs:string**	optional			

attribute **op_patho_gefaessinv/@V**

type	restriction of **xs:string**
properties	isRef 0 use optional
facets	Kind / Value / annotation enumeration ja enumeration nein

element **op_patho_hamartom**

diagram	op_patho_hamartom
properties	content complex
used by	element **op_patho**
attributes	Name / Type / Use / Default / Fixed / annotation V / **derived by: xs:string** / optional

attribute **op_patho_hamartom/@V**

type	restriction of **xs:string**
properties	isRef 0 use optional
facets	Kind / Value / annotation enumeration ja enumeration nein

element **op_patho_her2-score**

diagram	op_patho_her2-score
properties	content complex
used by	element **op_patho**
attributes	Name / Type / Use / Default / Fixed / annotation V / **derived by: xs:string** / optional

attribute **op_patho_her2-score/@V**

type	restriction of **xs:string**
properties	isRef 0 use optional
facets	Kind / Value / annotation enumeration nicht bestimmt enumeration 0 enumeration 1+ enumeration 2+ enumeration 3+

element **op_patho_infiltration-rand**

diagram	op_patho_infiltration-rand					
properties	content complex					
used by	element **op_patho**					
attributes	Name	Type	Use	Default	Fixed	annotation
	V	**derived by: xs:string**	optional			

attribute **op_patho_infiltration-rand/@V**

type	restriction of **xs:string**		
properties	isRef 0 use optional		
facets	Kind	Value	annotation
	enumeration	nein	
	enumeration	ja	

element **op_patho_inv-grading**

diagram	op_patho_inv-grading					
properties	content complex					
used by	element **op_patho**					
attributes	Name	Type	Use	Default	Fixed	annotation
	V	**derived by: xs:string**	optional			

attribute **op_patho_inv-grading/@V**

type	restriction of **xs:string**		
properties	isRef 0 use optional		
facets	Kind	Value	annotation
	enumeration	1	
	enumeration	2	
	enumeration	3	
	enumeration	nicht beurteilbar	

element **op_patho_inv-groesse-tumor**

diagram	op_patho_inv-groesse-tumor					
properties	content complex					
used by	element **op_patho**					
attributes	Name	Type	Use	Default	Fixed	annotation
	V	**xs:nonNegativeInteger**	optional			

attribute **op_patho_inv-groesse-tumor/@V**

type	**xs:nonNegativeInteger**
properties	isRef 0 use optional

element **op_patho_inv-typ-andere**

diagram	op_patho_inv-typ-andere					
properties	content complex					
used by	element **op_patho**					
attributes	Name V	Type **derived by: xs:string**	Use optional	Default	Fixed	annotation

attribute **op_patho_inv-typ-andere/@V**

type	restriction of **xs:string**		
properties	isRef 0 use optional		
facets	Kind enumeration enumeration	Value nein ja	annotation

element **op_patho_inv-typ-duktal**

diagram	op_patho_inv-typ-duktal					
properties	content complex					
used by	element **op_patho**					
attributes	Name V	Type **derived by: xs:string**	Use optional	Default	Fixed	annotation

attribute **op_patho_inv-typ-duktal/@V**

type	restriction of **xs:string**		
properties	isRef 0 use optional		
facets	Kind enumeration enumeration	Value nein ja	annotation

element **op_patho_inv-typ-lobulaer**

diagram	op_patho_inv-typ-lobulaer

properties	content complex					
used by	element **op_patho**					
attributes	Name	Type	Use	Default	Fixed	annotation
	V	**derived by: xs:string**	optional			

attribute **op_patho_inv-typ-lobulaer/@V**

type	restriction of **xs:string**		
properties	isRef 0 use optional		
facets	Kind	Value	annotation
	enumeration	nein	
	enumeration	ja	

element **op_patho_inv-typ-medullaer**

diagram	op_patho_inv-typ-medullaer					
properties	content complex					
used by	element **op_patho**					
attributes	Name	Type	Use	Default	Fixed	annotation
	V	**derived by: xs:string**	optional			

attribute **op_patho_inv-typ-medullaer/@V**

type	restriction of **xs:string**		
properties	isRef 0 use optional		
facets	Kind	Value	annotation
	enumeration	nein	
	enumeration	ja	

element **op_patho_inv-typ-muzinoes**

diagram	op_patho_inv-typ-muzinoes					
properties	content complex					
used by	element **op_patho**					
attributes	Name	Type	Use	Default	Fixed	annotation
	V	**derived by: xs:string**	optional			

attribute **op_patho_inv-typ-muzinoes/@V**

type	restriction of **xs:string**
properties	isRef 0 use optional

facets	Kind	Value	annotation
	enumeration	nein	
	enumeration	ja	

element **op_patho_inv-typ-tubulaer**

diagram	op_patho_inv-typ-tubulaer					
properties	content	complex				
used by	element	op_patho				
attributes	Name	Type	Use	Default	Fixed	annotation
	V	**derived by: xs:string**	optional			

attribute **op_patho_inv-typ-tubulaer/@V**

type	restriction of **xs:string**		
properties	isRef	0	
	use	optional	
facets	Kind	Value	annotation
	enumeration	nein	
	enumeration	ja	

element **op_patho_invasiv**

diagram	op_patho_invasiv					
properties	content	complex				
used by	element	op_patho				
attributes	Name	Type	Use	Default	Fixed	annotation
	V	**derived by: xs:string**	required			

attribute **op_patho_invasiv/@V**

type	restriction of **xs:string**		
properties	isRef	0	
	use	required	
facets	Kind	Value	annotation
	enumeration	nein	
	enumeration	ja	

element **op_patho_ish-analyse**

diagram	op_patho_ish-analyse	
properties	content	complex
used by	element	op_patho

attributes	Name	Type	Use	Default	Fixed	annotation
	V	**derived by: xs:string**	optional			

attribute **op_patho_ish-analyse/@V**

type	restriction of **xs:string**		
properties	isRef 0 use optional		
facets	Kind	Value	annotation
	enumeration	nicht durchgeführt	
	enumeration	durchgeführt, Ergebnis negativ	
	enumeration	durchgeführt, Ergebnis positiv	

element **op_patho_lk-andere**

diagram	op_patho_lk-andere					
properties	content complex					
used by	element **op_patho**					
attributes	Name	Type	Use	Default	Fixed	annotation
	V	**derived by: xs:string**	optional			

attribute **op_patho_lk-andere/@V**

type	restriction of **xs:string**		
properties	isRef 0 use optional		
facets	Kind	Value	annotation
	enumeration	nein	
	enumeration	ja	

element **op_patho_lk-andere-anz**

diagram	op_patho_lk-andere-anz					
properties	content complex					
used by	element **op_patho**					
attributes	Name	Type	Use	Default	Fixed	annotation
	V	**xs:nonNegativeInteger**	optional			

attribute **op_patho_lk-andere-anz/@V**

type	**xs:nonNegativeInteger**
properties	isRef 0 use optional

element **op_patho_lk-andere-anz-pos**

diagram	op_patho_lk-andere-anz-pos
properties	content complex
used by	element **op_patho**
attributes	Name: V; Type: **xs:nonNegativeInteger**; Use: optional; Default; Fixed; annotation

attribute **op_patho_lk-andere-anz-pos/@V**

type	**xs:nonNegativeInteger**
properties	isRef 0 use optional

element **op_patho_lk-andere_lokalisation**

diagram	op_patho_lk-andere_lokalisation
properties	content complex
used by	element **op_patho**
attributes	Name: V; Type: **xs:string**; Use: required; Default; Fixed; annotation

attribute **op_patho_lk-andere_lokalisation/@V**

type	**xs:string**
properties	isRef 0 use required

element **op_patho_lk-axilladis**

diagram	op_patho_lk-axilladis
properties	content complex
used by	element **op_patho**
attributes	Name: V; Type: **derived by: xs:string**; Use: optional; Default; Fixed; annotation

attribute **op_patho_lk-axilladis/@V**

type	restriction of **xs:string**
properties	isRef 0 use optional
facets	Kind: enumeration, Value: nein, annotation enumeration, ja

element **op_patho_lk-axilladis-anz**

diagram	op_patho_lk-axilladis-anz					
properties	content complex					
used by	element **op_patho**					
attributes	Name	Type	Use	Default	Fixed	annotation
	V	**xs:nonNegativeInteger**	optional			

attribute **op_patho_lk-axilladis-anz/@V**

type	**xs:nonNegativeInteger**
properties	isRef 0 use optional

element **op_patho_lk-axilladis-anz-pos**

diagram	op_patho_lk-axilladis-anz-pos					
properties	content complex					
used by	element **op_patho**					
attributes	Name	Type	Use	Default	Fixed	annotation
	V	**xs:nonNegativeInteger**	optional			

attribute **op_patho_lk-axilladis-anz-pos/@V**

type	**xs:nonNegativeInteger**
properties	isRef 0 use optional

element **op_patho_lk-sentinel**

diagram	op_patho_lk-sentinel					
properties	content complex					
used by	element **op_patho**					
attributes	Name	Type	Use	Default	Fixed	annotation
	V	**derived by: xs:string**	optional			

attribute **op_patho_lk-sentinel/@V**

type	restriction of **xs:string**		
properties	isRef 0 use optional		
facets	Kind	Value	annotation

	enumeration nein enumeration ja

element **op_patho_lk-sentinel-anz**

diagram	op_patho_lk-sentinel-anz					
properties	content complex					
used by	element **op_patho**					
attributes	Name	Type	Use	Default	Fixed	annotation
	V	**xs:nonNegativeInteger**	optional			

attribute **op_patho_lk-sentinel-anz/@V**

type	**xs:nonNegativeInteger**
properties	isRef 0 use optional

element **op_patho_lk-sentinel-anz-pos**

diagram	op_patho_lk-sentinel-anz-pos					
properties	content complex					
used by	element **op_patho**					
attributes	Name	Type	Use	Default	Fixed	annotation
	V	**xs:nonNegativeInteger**	optional			

attribute **op_patho_lk-sentinel-anz-pos/@V**

type	**xs:nonNegativeInteger**
properties	isRef 0 use optional

element **op_patho_lk-sentinel-anz-pos-itz**

diagram	op_patho_lk-sentinel-anz-pos-itz					
properties	content complex					
used by	element **op_patho**					
attributes	Name	Type	Use	Default	Fixed	annotation
	V	**xs:nonNegativeInteger**	optional			

attribute **op_patho_lk-sentinel-anz-pos-itz/@V**

type	**xs:nonNegativeInteger**
properties	isRef 0

	use optional

element **op_patho_lk-sentinel-metastasen**

diagram	**op_patho_lk-sentinel-metastasen**
properties	content complex
used by	element **op_patho**
attributes	Name: V; Type: **derived by: xs:string**; Use: optional; Default; Fixed; annotation

attribute **op_patho_lk-sentinel-metastasen/@V**

type	restriction of **xs:string**
properties	isRef 0 use optional
facets	Kind: enumeration, Value: keine Metastasen; Kind: enumeration, Value: ausschließlich Mikrometastasen; Kind: enumeration, Value: Makrometastasen; annotation

element **op_patho_lob_neoplasie**

diagram	**op_patho_lob_neoplasie**
properties	content complex
used by	element **op_patho**
attributes	Name: V; Type: **derived by: xs:string**; Use: required; Default; Fixed; annotation

attribute **op_patho_lob_neoplasie/@V**

type	restriction of **xs:string**
properties	isRef 0 use required
facets	Kind: enumeration, Value: nein; Kind: enumeration, Value: ja; annotation

element **op_patho_lokalisation**

diagram	**op_patho_lokalisation**
properties	content complex
attributes	Name: V; Type: **derived by: xs:string**; Use: optional; Default; Fixed; annotation

attribute **op_patho_lokalisation/@V**

type	restriction of **xs:string**
properties	isRef 0 use optional
facets	Kind / Value / annotation enumeration 01:00 Uhr enumeration 02:00 Uhr enumeration 03:00 Uhr enumeration 04:00 Uhr enumeration 05:00 Uhr enumeration 06:00 Uhr enumeration 07:00 Uhr enumeration 08:00 Uhr enumeration 09:00 Uhr enumeration 10:00 Uhr enumeration 11:00 Uhr enumeration 12:00 Uhr enumeration retromamillär

element **op_patho_lokalisation-rand**

diagram	op_patho_lokalisation-rand					
properties	content complex					
used by	element **op_patho**					
attributes	Name	Type	Use	Default	Fixed	annotation
	V	**xs:string**	required			

attribute **op_patho_lokalisation-rand/@V**

type	**xs:string**
properties	isRef 0 use required

element **op_patho_maligne_spez**

diagram	op_patho_maligne_spez					
properties	content complex					
used by	element **op_patho**					
attributes	Name	Type	Use	Default	Fixed	annotation
	V	**xs:string**	optional			

attribute **op_patho_maligne_spez/@V**

type	**xs:string**
properties	isRef 0 use optional

element **op_patho_markierung_fobi**

diagram	op_patho_markierung_fobi					
properties	content complex					
used by	element **op_patho**					
attributes	Name V	Type **derived by: xs:string**	Use optional	Default	Fixed	annotation

attribute **op_patho_markierung_fobi/@V**

type	restriction of **xs:string**		
properties	isRef 0 use optional		
facets	Kind enumeration enumeration	Value ja nein	annotation

element **op_patho_mastitis_duktektasie**

diagram	op_patho_mastitis_duktektasie					
properties	content complex					
used by	element **op_patho**					
attributes	Name V	Type **derived by: xs:string**	Use optional	Default	Fixed	annotation

attribute **op_patho_mastitis_duktektasie/@V**

type	restriction of **xs:string**		
properties	isRef 0 use optional		
facets	Kind enumeration enumeration	Value nein ja	annotation

element **op_patho_mastopathie**

diagram	op_patho_mastopathie
properties	content complex

used by	element **op_patho**					
attributes	Name	Type	Use	Default	Fixed	annotation
	V	**derived by: xs:string**	optional			

attribute **op_patho_mastopathie/@V**

type	restriction of **xs:string**	
properties	isRef 0 use optional	
facets	Kind	Value	annotation
	enumeration	nein	
	enumeration	ja	

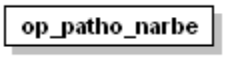
element **op_patho_mikroinvasion**

diagram						
properties	content complex					
used by	element **op_patho**					
attributes	Name	Type	Use	Default	Fixed	annotation
	V	**derived by: xs:string**	required			

attribute **op_patho_mikroinvasion/@V**

type	restriction of **xs:string**	
properties	isRef 0 use required	
facets	Kind	Value	annotation
	enumeration	nein	
	enumeration	ja	

element **op_patho_narbe**

diagram						
properties	content complex					
used by	element **op_patho**					
attributes	Name	Type	Use	Default	Fixed	annotation
	V	**derived by: xs:string**	optional			

attribute **op_patho_narbe/@V**

type	restriction of **xs:string**	
properties	isRef 0 use optional	
facets	Kind	Value	annotation
	enumeration	nein	

	enumeration ja

element **op_patho_papillom-mutiple**

diagram	op_patho_papillom-mutiple
properties	content complex
used by	element **op_patho**
attributes	Name: V; Type: **derived by: xs:string**; Use: optional; Default; Fixed; annotation

attribute **op_patho_papillom-mutiple/@V**

type	restriction of **xs:string**
properties	isRef 0 use optional
facets	Kind: enumeration, Value: nein, annotation enumeration ja

element **op_patho_papillom-solitaer**

diagram	op_patho_papillom-solitaer
properties	content complex
used by	element **op_patho**
attributes	Name: V; Type: **derived by: xs:string**; Use: optional; Default; Fixed; annotation

attribute **op_patho_papillom-solitaer/@V**

type	restriction of **xs:string**
properties	isRef 0 use optional
facets	Kind: enumeration, Value: nein, annotation enumeration ja

element **op_patho_pash**

diagram	op_patho_pash
properties	content complex
used by	element **op_patho**
attributes	Name: V; Type: **derived by: xs:string**; Use: optional; Default; Fixed; annotation

attribute **op_patho_pash/@V**

type	restriction of **xs:string**
properties	isRef 0 use optional
facets	Kind / Value / annotation enumeration nein enumeration ja

element **op_patho_pgr**

diagram	op_patho_pgr
properties	content complex
used by	element **op_patho**
attributes	Name / Type / Use / Default / Fixed / annotation V / **derived by: xs:string** / optional

attribute **op_patho_pgr/@V**

type	restriction of **xs:string**
properties	isRef 0 use optional
facets	Kind / Value / annotation enumeration nein enumeration ja

element **op_patho_pgr-status**

diagram	op_patho_pgr-status
properties	content complex
used by	element **op_patho**
attributes	Name / Type / Use / Default / Fixed / annotation V / **xs:integer** / optional

attribute **op_patho_pgr-status/@V**

type	**xs:integer**
properties	isRef 0 use optional

element **op_patho_phylloides_benigne**

diagram	biopsie_patho_phylloides

properties	content complex					
used by	element **op_patho**					
attributes	Name	Type	Use	Default	Fixed	annotation
	V	**derived by: xs:string**	optional			

attribute **op_patho_phylloides_benigne/@V**

type	restriction of **xs:string**		
properties	isRef 0 use optional		
facets	Kind	Value	annotation
	enumeration	nein	
	enumeration	ja	

element **op_patho_skleros_adenose**

diagram	op_patho_skleros_adenose					
properties	content complex					
used by	element **op_patho**					
attributes	Name	Type	Use	Default	Fixed	annotation
	V	**derived by: xs:string**	optional			

attribute **op_patho_skleros_adenose/@V**

type	restriction of **xs:string**		
properties	isRef 0 use optional		
facets	Kind	Value	annotation
	enumeration	nein	
	enumeration	ja	

element **op_patho_sonstige_benigne**

diagram	op_patho_sonstige_benigne					
properties	content complex					
used by	element **op_patho**					
attributes	Name	Type	Use	Default	Fixed	annotation
	V	**derived by: xs:string**	optional			

attribute **op_patho_sonstige_benigne/@V**

type	restriction of **xs:string**		
properties	isRef 0 use optional		

facets	Kind	Value	annotation
	enumeration	nein	
	enumeration	ja	

element **op_patho_sonstige_benigne_spez**

diagram	op_patho_sonstige_benigne_sp...					
properties	content	complex				
used by	element	op_patho				
attributes	Name	Type	Use	Default	Fixed	annotation
	V	**xs:string**	optional			

attribute **op_patho_sonstige_benigne_spez/@V**

type	**xs:string**
properties	isRef 0 use optional

element **op_patho_tumor_gesamtgroesse**

diagram	op_patho_tumor_gesamtgroesse					
properties	content	complex				
used by	element	op_patho				
attributes	Name	Type	Use	Default	Fixed	annotation
	V	**xs:nonNegativeInteger**	optional			

attribute **op_patho_tumor_gesamtgroesse/@V**

type	**xs:nonNegativeInteger**
properties	isRef 0 use optional

element **op_patho_zyste**

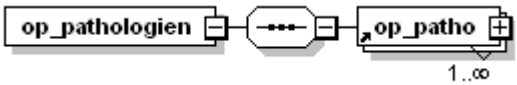
diagram	op_patho_zyste					
properties	content	complex				
used by	element	op_patho				
attributes	Name	Type	Use	Default	Fixed	annotation
	V	**derived by: xs:string**	optional			

attribute **op_patho_zyste/@V**

type	restriction of **xs:string**

properties	isRef 0 use optional
facets	Kind / Value / annotation enumeration nein enumeration ja

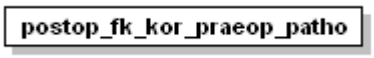
element **op_pathologien**

diagram	
properties	content complex
children	**op_patho**
used by	element **us**

element **postop_fk**

diagram	
properties	content complex
children	**postop_fk_kor_praeop_patho**
used by	element **us**

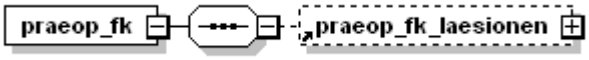
element **postop_fk_kor_praeop_patho**

diagram	
properties	content complex
used by	element **postop_fk**
attributes	Name / Type / Use / Default / Fixed / annotation V / **derived by: xs:string** / required

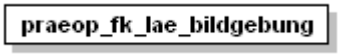
attribute **postop_fk_kor_praeop_patho/@V**

type	restriction of **xs:string**
properties	isRef 0 use required
facets	Kind / Value / annotation enumeration OP-Ergebnis stimmt mit dem Ergebnis der präoperativen pathologischen Diagnostik überein enumeration keine Übereinstimmung, entgültiger Befund gravierender enumeration keine Übereinstimmung, entgültiger Befund weniger gravierend enumeration keine präoperative pathologische Diagnostik

element **praeop_fk**

diagram	
properties	content complex
children	**praeop_fk_laesionen**
used by	element **praeop_fken**

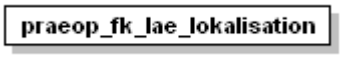
element **praeop_fk_lae_bildgebung**

diagram	
properties	content complex
used by	element **praeop_fk_laesion**
attributes	Name: V; Type: **derived by: xs:string**; Use: optional; Default; Fixed; annotation

attribute **praeop_fk_lae_bildgebung/@V**

type	restriction of **xs:string**
properties	isRef 0 use optional
facets	Kind / Value / annotation enumeration: ja enumeration: nein enumeration: fraglich, bildgebende Kontrolle erforderlich

element **praeop_fk_lae_lokalisation**

diagram	
properties	content complex
used by	element **praeop_fk_laesion**
attributes	Name: V; Type: **derived by: xs:string**; Use: required; Default; Fixed; annotation

attribute **praeop_fk_lae_lokalisation/@V**

type	restriction of **xs:string**
properties	isRef 0 use required
facets	Kind / Value / annotation enumeration: 01:00 Uhr enumeration: 02:00 Uhr enumeration: 03:00 Uhr enumeration: 04:00 Uhr

	enumeration	05:00 Uhr
	enumeration	06:00 Uhr
	enumeration	07:00 Uhr
	enumeration	08:00 Uhr
	enumeration	09:00 Uhr
	enumeration	10:00 Uhr
	enumeration	11:00 Uhr
	enumeration	12:00 Uhr
	enumeration	retromamillär

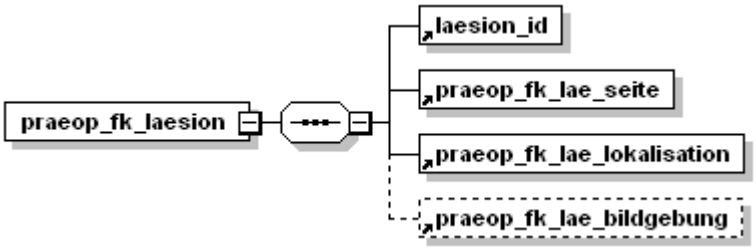
element **praeop_fk_lae_seite**

diagram						
properties	content	complex				
used by	element	**praeop_fk_laesion**				
attributes	Name	Type	Use	Default	Fixed	annotation
	V	**derived by: xs:string**	required			

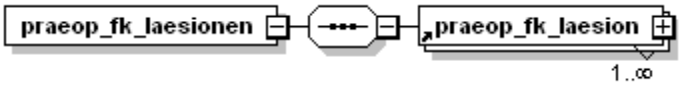
attribute **praeop_fk_lae_seite/@V**

type	restriction of **xs:string**		
properties	isRef	0	
	use	required	
facets	Kind	Value	annotation
	enumeration	rechts	
	enumeration	links	

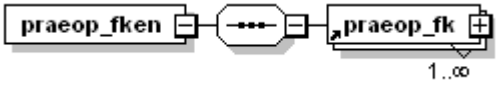
element **praeop_fk_laesion**

diagram		
properties	content	complex
children	**laesion_id** **praeop_fk_lae_seite** **praeop_fk_lae_lokalisation** **praeop_fk_lae_bildgebung**	
used by	element	**praeop_fk_laesionen**

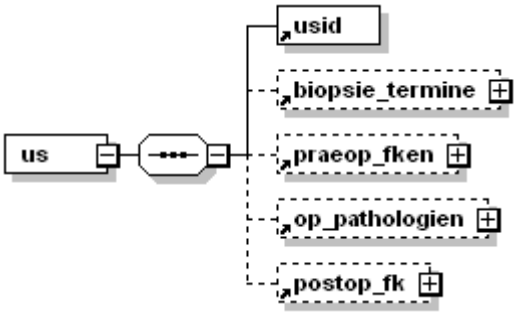
element **praeop_fk_laesionen**

diagram	
properties	content complex
children	**praeop_fk_laesion**
used by	element **praeop_fk**

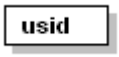
element **praeop_fken**

diagram	
properties	content complex
children	**praeop_fk**
used by	element **us**

element **us**

diagram	
properties	content complex
children	**usid** **biopsie_termine** **praeop_fken** **op_pathologien** **postop_fk**
used by	element **msse_bericht/patient**

element **usid**

diagram						
properties	content complex					
used by	element **us**					
attributes	Name	Type	Use	Default	Fixed	annotation
	V	**xs:int**	required			
annotation	Jede Untersuchung wird durch eine eindeutige usid von anderen Untersuchungen unterschieden.					

attribute **usid/@V**

type	**xs:int**
properties	isRef 0 use required