

Name	Type	Label	Values
Study_nr	String	Coded patient study-number	None
Gender	Numeric	Gender	1; male, 2; female
Date_birth	Date	Date of birth	None
Diagnosis	Numeric	Diagnose: simple or aneurysmal bone cyst	1; Simple bone cyst, 2; Aneurysmal bone cyst, 3; Fibrous dysplasia
Date_diagn	Date	Date of diagnosis (first visit outpatient clinic ortho)	None
Age_AD	Numeric	Age at diagnosis (in years)	None
Type_lesions	Numeric	Type of lesion: primary or recurrent	1; Primary, 2; Recurrent
Location	Numeric	Location in bone: epiphysis/metaphysis/meta-diaphysis/diaphysis	1; Epiphysis, 2; Metaphysis, 3; Meta-diaphysis, 4; Diaphysis
Biopsy	Numeric	Biopsy (yes/no)	0; Unknown, 1; No, 2; Yes
MRI	Numeric	MRI (yes/no)	0; Unknown, 1; No, 2; Yes
CT	Numeric	CT (yes/no)	0; Unknown, 1; No, 2; Yes
BoneScan	Numeric	Bone Scan (yes/no)	0; Unknown, 1; No, 2; Yes
Other_imaging	String	Other imaging or diagnostic modalities	None
Size_AD_H	Numeric	Maximum width of lesion at diagnosis (in mm)	None
Size_AD_W	Numeric	Maximum height of lesion at diagnosis (in mm)	None
Size_AD_D	Numeric	Maximum depth of lesion at diagnosis (in mm)	None
Dist_physis	Numeric	Closest distance to physis at diagnosis	None
Inv_epiphysis	Numeric	Involvement of epiphysis	0; Unknown, 1; No, 2; Yes
Ext_epiphysis	Numeric	Extension into epiphysis	None
Min_CT	Numeric	Minimal cortical thickness (in mm)	None
Inv_calcar	Numeric	Involvement of calcar (yes/no)	0; Unknown, 1; No, 2; Yes
CT_calcar	Numeric	Minimal cortical thickness at calcar (in mm)	None
CCDa_AD	Numeric	CCD angle at diagnosis	None
PF_AD	Numeric	Pathological fracture at diagnosis (yes/no)	0; Unknown, 1; No, 2; Yes
PF_WT	Numeric	Pathological fracture during waiting for treatment (yes/no)	0; Unknown, 1; No, 2; Yes
Date_PF_WT	Date	Date of pathological fracture during waiting for treatment	None
Time_PF	Numeric	Time till pathological fracture during waiting for treatment (in weeks)	None
CI_BT	Numeric	Cast immobilisation before first treatment (yes/no)	0; Unknown, 1; No, 2; Yes
Date_startCI	Date	Date start cast immobilisation before treatment	None

Date_endCI	Date	Date end cast immobilisation before treatment	None
Time_CI_BT	Numeric	Time of cast immobilisation before first treatment (in weeks)	None
Date_T1	Date	Date of first treatment	None
Time_DT1	Numeric	Time between diagnosis and first treatment (in weeks)	None
Type_T1	Numeric	First treatment: wait-and-see, injection, decompression, osteosynthesis	0; Wait-and-see, 1; Inj_Depomedrol, 2; Inj_Etoxysclerol, 3; Inj_Steroids, 4; Inj_HA cement, 5; Inj_Ethibloc, 6; Inj_PMMA cement, 7; Inj_Platelets of bone marrow, 8; Decompression (cannulated screw), 9; Osteosynthesis, 10; Inj_Etoxysclerol + Emolisation 'Gelfoam'
Type_OS1	Numeric	Type of osteosynthesis	0; No osteosynthesis, 1; Pediatric hip plate, 2; Dynamic hip screw, 3; Nail, 4; Titanium elastic nail, 5; Other
CI_AT1	Numeric	Cast immobilisation after first treatment (yes/no)	0; Unknown, 1; No, 2; Yes
Date_startCI_A1	Numeric	Date start cast immobilisation after first treatment	None
Date_endCI_A1	Numeric	Date end cast immobilisation after first treatment	None
Time_CI1	Numeric	Time of cast immobilisation after first treatment (in weeks)	None
Date_stopWB1.1	Date	End date no weightbearing after first treatment	None
Time_WB_1.1	Numeric	No / patial (15%) weight bearing after first treatment (in weeks)	None
Date_stopWB2.1	Date	End date weightbearing with crutches after first treatment	None
Time_WB_2.1	Numeric	Patial weight bearing with crutches after first treatment (in weeks)	None
Time_WB_3.1	Numeric	Full weight bearing after first treatment (in weeks)	None
Date_startWB4.1	Date	Start date return to sports after first treatment	None
TimeTill_WB_4.1	Numeric	Time till return to practicing sports after first treatment (in weeks)	None
Date_T2	Date	Date of second treatment	None
Time_T1T2	Numeric	Time between first treatment and second treatment (in weeks)	None
Type_T2	Numeric	Second treatment: wait-and-see, injection, decompression, osteosynthesis	0; Wait-and-see, 1; Inj_Depomedrol, 2; Inj_Etoxysclerol, 3; Inj_Steroids, 4; Inj_HA cement, 5; Inj_Ethibloc, 6; Inj_PMMA cement, 7; Inj_Platelets of bone marrow, 8; Decompression (cannulated screw), 9;

			Osteosynthesis, 10; Inj_Etoxysclerol + Emolisation 'Gelfoam', 99; No second treatment, follow-up
Type_OS2	Numeric	Type of osteosynthesis	0; No osteosynthesis, 1; Pediatric hip plate, 2; Dynamic hip screw, 3; Nail, 4; Titanium elastic nail, 5; Other
CI_AT2	Numeric	Cast immobilisation after second treatment (yes/no)	0; Unknown, 1; No, 2; Yes
Date_startCI_A2	Numeric	Date start cast immobilisation after second treatment	None
Date_endCI_A2	Numeric	Date end cast immobilisation after second treatment	None
Time_CI2	Numeric	Time of cast immobilisation after second treatment (in weeks)	None
Date_stopWB1.2	Date	End date no weightbearing after second treatment	None
Time_WB_1.2	Numeric	No / patial (15%) weight bearing after second treatment (in weeks)	None
Date_stopWB2.2	Date	End date weightbearing with crutches after second treatment	None
Time_WB_2.2	Numeric	Patial weight bearing with crutches after second treatment (in weeks)	None
Time_WB_3.2	Numeric	Full weight bearing after second treatment (in weeks)	None
Date_startWB4.2	Date	Start date return to sports after second treatment	None
TimeTill_WB_4.2	Numeric	Time till return to practicing sports after second treatment (in weeks)	None
Date_T3	Date	Date of third treatment	None
Time_T2T3	Numeric	Time between second treatment and thirth treatment (in weeks)	None
Type_T3	Numeric	Third treatment: wait-and-see, injection, decompression, osteosynthesis	0; Wait-and-see, 1; Inj_Depomedrol, 2; Inj_Etoxysclerol, 3; Inj_Steroids, 4; Inj_HA cement, 5; Inj_Ethibloc, 6; Inj_PMMA cement, 7; Inj_Platelets of bone marrow, 8; Decompression (cannulated screw), 9; Osteosynthesis, 10; Inj_Etoxysclerol + Emolisation 'Gelfoam', 99; No third treatment, follow-up
Type_OS3	Numeric	Type of osteosynthesis	0; No osteosynthesis, 1; Pediatric hip plate, 2; Dynamic hip screw, 3; Nail, 4; Titanium elastic nail, 5; Other
CI_AT3	Numeric	Cast immobilisation after third treatment (yes/no)	0; Unknown, 1; No, 2; Yes
Date_startCI_A3	Numeric	Date start cast immobilisation after third treatment	None

Date_endCI_A3	Numeric	Date end cast immobilisation after third treatment	None
Time_CI3	Numeric	Time of cast immobilisation after third treatment (in weeks)	None
Date_stopWB1.3	Date	End date no weightbearing after third treatment	None
Time_WB_1.3	Numeric	No / patial (15%) weight bearing after third treatment (in weeks)	None
Date_stopWB2.3	Date	End date weightbearing with crutches after third treatment	None
Time_WB_2.3	Numeric	Patial weight bearing with crutches after third treatment (in weeks)	None
Time_WB_3.3	Numeric	Full weight bearing after third treatment (in weeks)	None
Date_startWB4.3	Date	Start date return to sports after third treatment	None
TimeTill_WB_4.3	Numeric	Time till return to practicing sports after third treatment (in weeks)	None
Date_T4	Date	Date of fourth treatment	None
Time_T3T4	Numeric	Time between thirth treatment and fourth treatment (in weeks)	None
Type_T4	Numeric	Fourth treatment: wait-and-see, injection, decompression, osteosynthesis	0; Wait-and-see, 1; Inj_Depomedrol, 2; Inj_Etoxysclerol, 3; Inj_Steroids, 4; Inj_HA cement, 5; Inj_Ethibloc, 6; Inj_PMMA cement, 7; Inj_Platelets of bone marrow, 8; Decompression (cannulated screw), 9; Osteosynthesis, 10; Inj_Etoxysclerol + Emolisation 'Gelfoam', 99; No fourth treatment, follow-up
Type_OS4	Numeric	Type of osteosynthesis	0; No osteosynthesis, 1; Pediatric hip plate, 2; Dynamic hip screw, 3; Nail, 4; Titanium elastic nail, 5; Other
CI_AT4	Numeric	Cast immobilisation after fourth treatment (yes/no)	0; Unknown, 1; No, 2; Yes
Date_startCI_A4	Numeric	Date start cast immobilisation after fourth treatment	None
Date_endCI_A4	Numeric	Date end cast immobilisation after fourth treatment	None
Time_CI4	Numeric	Time of cast immobilisation after fourth treatment (in weeks)	None
Date_stopWB1.4	Date	End date no weightbearing after fourth treatment	None
Time_WB_1.4	Numeric	No / patial (15%) weight bearing after fourth treatment (in weeks)	None
Date_stopWB2.4	Date	End date weightbearing with crutches after fourth treatment	None
Time_WB_2.4	Numeric	Patial weight bearing with crutches after fourth treatment (in weeks)	None
Time_WB_3.4	Numeric	Full weight bearing after fourth treatment (in weeks)	None
Date_startWB4.4	Date	Start date return to sports after fourth treatment	None

TimeTill_WB_4.4	Numeric	Time till return to practicing sports after fourth treatment (in weeks)	None
Nr_treatments	Numeric	Number of treatments in total	None
Nr_T_anesthetic	Numeric	Number of treatments under anesthetic	None
Switch_treatm	Numeric	Switch in treatment	0; Unknown, 1; No, 2; Yes
Reason_sw	String	Reason for switch in treatment	None
Time_CI_total	Numeric	Time of cast immobilisation in total (in weeks)	None
Time_WB_1	Numeric	No / patial (15%) weight bearing in total (in weeks)	None
Time_WB_2	Numeric	Patial weight bearing with crutches in total (in weeks)	None
Time_WB_3	Numeric	Full weight bearing (but no sports) in total (in weeks)	None
TimeTill_WB_4	Numeric	Time till not being able to practicing sports in total (in weeks)	None
mNeer3	Numeric	UBC: Modified Neer classification after 3 months of follow-up	0; Unknown, 1; Clearly visible, 2; Visible but multilocular and opaque, 3; Sclerosis around or within the partially visible cyst, 4; Complete healing with obliteration of the cyst, 5; Does not apply
mNeer6	Numeric	UBC: Modified Neer classification after 6 months of follow-up	0; Unknown, 1; Clearly visible, 2; Visible but multilocular and opaque, 3; Sclerosis around or within the partially visible cyst, 4; Complete healing with obliteration of the cyst, 5; Does not apply
mNeer12	Numeric	UBC: Modified Neer classification after 12 months of follow-up	0; Unknown, 1; Clearly visible, 2; Visible but multilocular and opaque, 3; Sclerosis around or within the partially visible cyst, 4; Complete healing with obliteration of the cyst, 5; Does not apply
mNeer_LFU	Numeric	UBC: Modified Neer classification at last follow-up	0; Unknown, 1; Clearly visible, 2; Visible but multilocular and opaque, 3; Sclerosis around or within the partially visible cyst, 4; Complete healing with obliteration of the cyst, 5; Does not apply
Size_LFU_H	Numeric	Maximum width of lesion at last follow-up (in mm)	None
Size_LFU_W	Numeric	Maximum height of lesion at last follow-up (in mm)	None

Size_LFU_D	Numeric	Maximum depth of lesion at last follow-up (in mm)	None
CCDa_LFU	Numeric	CCD angle at end of follow-up	None
C_inf	Numeric	Complication: infecton (yes/no)	0; Unknown, 1; No, 2; Yes
Date_Cinf	Date	Date of diagnosing infection	None
C_fr	Numeric	Complication: (re-)fracture (yes/no)	0; Unknown, 1; No, 2; Yes
Date_Cfr	Date	Date of diagnosing (re)fracture	None
C_rec	Numeric	Complication: recurrence (yes/no)	0; Unknown, 1; No, 2; Yes
Nr_Crec	Numeric	How many times did recurrence occur	None
Date_Crec1	Date	Date of diagnosing first recurrence of cyst	None
Date_Crec2	Date	Date of diagnosing second recurrence of cyst	None
Date_Crec3	Date	Date of diagnosing third recurrence of cyst	None
C_other	Numeric	Complication: other, namely.. (yes/no)	0; Unknown, 1; No, 2; Yes
Expl_Cother	String	Explanation of complication	None
Date_Cother	Date	Date of diagnosing 'other' complication	None
Date_LFU	Date	Date of last follow-up	None
LTFU	Numeric	Lost to follow-up (no/yes, during active treatment/yes, during follow-up)	0; Unknown, 1; No, 2; Yes, during active treatment, 3; Yes, during follow-up
Reason_LTFU	String	Reason lost to follow-up	None