

DAFTAR PUSTAKA

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LAMPIRAN 1. REKOMENDASI PERSETUJUAN ETIK



KEMENTERIAN PENDIDIKAN, KEBUDAYAAN, RISET DAN TEKNOLOGI
UNIVERSITAS HASANUDDIN FAKULTAS KEDOKTERAN
KOMITE ETIK PENELITIAN UNIVERSITAS HASANUDDIN
RSPTN UNIVERSITAS HASANUDDIN
RSUP Dr. WAHIDIN SUDIROHUSODO MAKASSAR
Sekretariat : Lantai 2 Gedung Laboratorium Terpadu
JL.PERINTIS KEMERDEKAAN KAMPUS TAMALANREA KM.10 MAKASSAR 90245.



Contact Person: dr. Agussalim Bukhari..MMed,PhD. SpGK TELP. 081241850858, 0411 5780103. Fax : 0411-581431

REKOMENDASI PERSETUJUAN ETIK

Nomor : 898/UN4.6.4.5.31/ PP36/ 2024

Tanggal: 22 Oktober 2024

Dengan ini Menyatakan bahwa Protokol dan Dokumen yang Berhubungan Dengan Protokol berikut ini telah mendapatkan Persetujuan Etik :

No Protokol	UH24100817		No Sponsor	
Peneliti Utama	dr. Ratna Nur Aisyah, S.Ked.		Sponsor	
Judul Peneliti	KORELASI DIFFUSION WEIGHTED IMAGING – APPARENT DIFFUSION COEFFICIENT (DWI-ADC) PADA PEMERIKSAAN MRI DAN RADIOGRAPHIC BONE - RADS TERHADAP GAMBARAN SUBTIPE HISTOPATOLOGI OSTEOSARKOMA			
No Versi Protokol	1	Tanggal Versi	14 Oktober 2024	
No Versi PSP		Tanggal Versi		
Tempat Penelitian	RSUP Dr.Wahidin Sudirohusodo Makassar			
Jenis Review	<input type="checkbox"/> Exempted <input checked="" type="checkbox"/> Expedited <input type="checkbox"/> Fullboard Tanggal	Masa Berlaku	22 Oktober 2024	Frekuensi review lanjutan
Ketua KEP Universitas Hasanuddin	Prof. dr. Muh Nasrum Massi, PhD, SpMK, Subsp. Bakt(K)		Tanda tangan	
Sekretaris KEP Universitas Hasanuddin	dr. Firdaus Hamid, PhD, SpMK(K)		Tanda tangan	

Kewajiban Peneliti Utama:

- Menyerahkan Amandemen Protokol untuk persetujuan sebelum di implementasikan
- Menyerahkan Laporan SAE ke Komisi Etik dalam 24 Jam dan dilengkapi dalam 7 hari dan Lapor SUSAR dalam 72 Jam setelah Peneliti Utama menerima laporan
- Menyerahkan Laporan Kemajuan (progress report) setiap 6 bulan untuk penelitian resiko tinggi dan setiap setahun untuk penelitian resiko rendah
- Menyerahkan laporan akhir setelah Penelitian berakhir
- Melaporkan penyimpangan dari prokol yang disetujui (protocol deviation / violation)
- Mematuhi semua peraturan yang ditentukan

LAMPIRAN 2. HASIL UJI STATISTIK PENELITIAN

Frequency Table

		JenisKelamin			
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	laki-laki	43	79.6	79.6	79.6
	Perempuan	11	20.4	20.4	100.0
	Total	54	100.0	100.0	

		Histopatologi			
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	osteosarcoma sentral low grade	2	3.7	3.7	3.7
	osteosarcoma Telangiectasis	2	3.7	3.7	7.4
	osteosarcoma parosteal	1	1.9	1.9	9.3
	osteosarcoma periosteal	1	1.9	1.9	11.1
	osteosarcoma high grade surface	15	27.8	27.8	38.9
	Conventional osteosarcoma	33	61.1	61.1	100.0
	Total	54	100.0	100.0	

		Lokasi			
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Femur	28	51.9	51.9	51.9
	Tibia	17	31.5	31.5	83.3
	manus	2	3.7	3.7	87.0
	patella	1	1.9	1.9	88.9
	skapula	1	1.9	1.9	90.7
	ulna	1	1.9	1.9	92.6
	humerus	4	7.4	7.4	100.0
	Total	54	100.0	100.0	

Frequencies

Statistics

usia

N	Valid	54
	Missing	0
Mean		19.6111
Minimum		6.00
Maximum		49.00

Crosstabs

Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
Histopatologi * BoneRads	54	100.0%	0	0.0%	54	100.0%

Histopatologi * BoneRads Crosstabulation

			BoneRads		Total
			3	4	
Histopatologi	osteosarcoma	Count	0	2	2
	sentral low grade	% within BoneRads	0.0%	4.0%	3.7%
	Conventional	Count	3	30	33
	osteosarcoma	% within BoneRads	75.0%	60.0%	61.1%
	osteosarcoma	Count	0	2	2
	Telangiectasis	% within BoneRads	0.0%	4.0%	3.7%
	osteosarcoma	Count	1	0	1
	parosteal	% within BoneRads	25.0%	0.0%	1.9%
	osteosarcoma	Count	0	1	1
	periosteal	% within BoneRads	0.0%	2.0%	1.9%
	osteosarcoma	Count	0	15	15
	high grade	% within BoneRads	0.0%	30.0%	27.8%
	surface				
	Total	Count	4	50	54
	% within BoneRads	100.0%	100.0%	100.0%	

Nonparametric Correlations

			Histopatologi	BoneRads
Spearman's rho	Histopatologi	Correlation Coefficient	1.000	.079
		Sig. (2-tailed)	.	.572
		N	54	54
	BoneRads	Correlation Coefficient	.079	1.000
		Sig. (2-tailed)	.572	.
		N	54	54

Crosstabs

	Case Processing Summary					
	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
Histopatologi * DWIADC	54	100.0%	0	0.0%	54	100.0%

Histopatologi * DWIADC Crosstabulation

			DWIADC		Total
			restricted	non restricted	
Histopatologi	osteosarcoma	Count	1	1	2
	sentral low grade	% within DWIADC	1.9%	50.0%	3.7%
	Conventional	Count	33	0	33
	osteosarcoma	% within DWIADC	63.5%	0.0%	61.1%
	osteosarcoma	Count	2	0	2
	Telangiectasis	% within DWIADC	3.8%	0.0%	3.7%
	osteosarcoma	Count	1	0	1
	parosteal	% within DWIADC	1.9%	0.0%	1.9%
	osteosarcoma	Count	0	1	1
	periosteal	% within DWIADC	0.0%	50.0%	1.9%
	osteosarcoma	Count	15	0	15
	high grade surface	% within DWIADC	28.8%	0.0%	27.8%
Total	Count	52	2	54	
	% within DWIADC	100.0%	100.0%	100.0%	

Nonparametric Correlations

Correlations

			Histopatologi	DWIADC
Spearman's rho	Histopatologi	Correlation Coefficient	1.000	-.105
		Sig. (2-tailed)	.	.449
		N	54	54
	DWIADC	Correlation Coefficient	-.105	1.000
		Sig. (2-tailed)	.449	.
		N	54	54

Means

Case Processing Summary

	Cases					
	Included		Excluded		Total	
	N	Percent	N	Percent	N	Percent
ADC * Histopatologi	54	100.0%	0	0.0%	54	100.0%

Report

ADC

Histopatologi	Mean	N	Std. Deviation	Median	Minimum	Maximum
osteosarcoma sentral low grade	1546.0000	2	48.08326	1546.0000	1512.00	1580.00
Conventional osteosarcoma	836.1333	33	250.52784	802.8000	324.40	1517.00
osteosarcoma Telangiectasis	899.5500	2	280.65068	899.5500	701.10	1098.00
osteosarcoma parosteal	1075.0000	1	.	1075.0000	1075.00	1075.00
osteosarcoma periosteal	1709.0000	1	.	1709.0000	1709.00	1709.00
osteosarcoma high grade surface	588.6000	15	155.21452	551.0000	370.60	988.80
Total	816.6019	54	312.02692	772.3500	324.40	1709.00

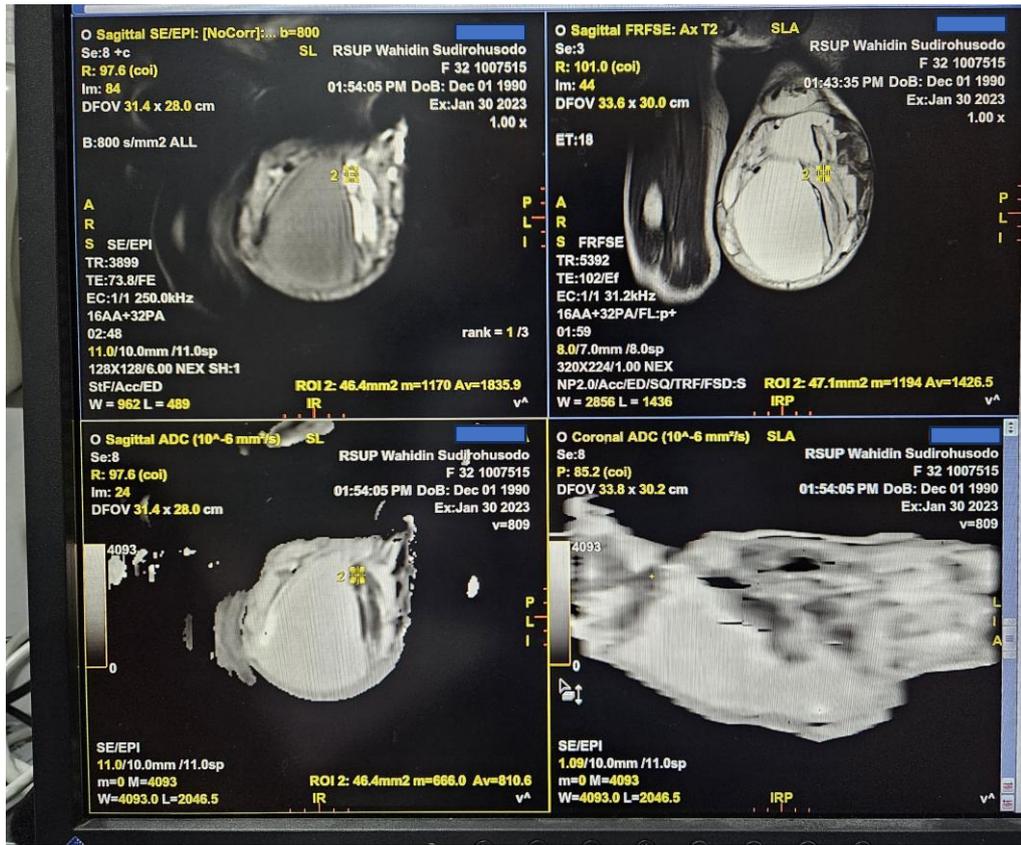
Nonparametric Correlations

Correlations

			Histopatologi	ADC
Spearman's rho	Histopatologi	Correlation Coefficient	1.000	-.480**
		Sig. (2-tailed)	.	.000
		N	54	54
	ADC	Correlation Coefficient	-.480**	1.000
		Sig. (2-tailed)	.000	.
		N	54	54

** . Correlation is significant at the 0.01 level (2-tailed).

LAMPIRAN 3. CONTOH HASIL SAMPEL PASIEN OSTEOSARKOMA



Bone-RADS™ – Radiography Imaging Report Template for Potentially Neoplastic Bone Lesions (Short)

Examination: Radiographs, [number] Views.
 Date of Study:
 Clinical Indication:
 Technique: views of the _____
 Comparison/Correlation is made with _____
 Patient Sex and Age: Perempuan/01-12-1990

FINDINGS:
 Lesion Size:
 Location/Bone Involved: 1/3 proximal tibia, 1/3 medial os tibia et fibula
 Radiodensity: Lesi litik.
 Matrix: Osteoid
 Other Findings:

BONE-RADS SCORING SYSTEM:

Margin	Periosteal Reaction	Endosteal Erosion	Pathological Fracture	Extra-osseous Soft Tissue Mass	History of Primary Cancer
IA = 1	None = 0	Mild = 0	No = 0	No = 0	No = 0
IB = 3	Non-aggressive = 2	Moderate = 1	Yes = 2	Yes = 4	Yes = 2
II = 5	Aggressive = 4	Deep = 2			
IIIA-C = 7					

Margination/Zone of Transition: 7 points
 Periosteal Reaction: 4 points
 Endosteal Scalloping: 2 points

Pathological Fracture: 0 points
 Evidence of Extra-osseous Soft Tissue Mass: 4 points
 History of Primary Malignancy: 0 points
 Point Total: 17 points

BONE-RADS Score:

0 (N/A) – Incompletely Characterized – further evaluation is suggested below
 1 (1-2 points) – Very Low Risk of malignancy - very likely benign
 2 (3-4 points) – Low Risk of malignancy - probably benign
 3 (5-6 points) – Intermediate Risk of malignancy - potentially malignant
 4 (7 or more points) – High Risk of malignancy – highly suspicious for malignancy

IMPRESSION:
 Most Likely Diagnosis: 1. _____
 Differential Diagnosis:
 1. _____
 2. _____
 3. _____

RECOMMENDATION:
 No further imaging follow up is necessary – unless new symptoms or change in clinical status
 Radiographic surveillance is recommended at _____ months
 Advanced imaging evaluation is recommended (SELECT BELOW)
 Magnetic Resonance Imaging (MRI) of the _____ [] without [] with contrast
 Computed Tomography (CT) of the _____ [] without [] with contrast
 Nuclear Medicine Technetium-99m Bone Scan
 PET-CT
 PET-MRI
 Other: _____
 Biopsy and/or Orthopedic Oncology consultation is recommended

LAMPIRAN 4. CURICULUM VITAE

CURICULUM VITAE

A. Data Pribadi

1. Nama : Ratna Nur Aisyah
2. Tempat, Tanggal lahir : Makassar, 13 November 1993
3. Alamat : Perumnas Panakkukang 3 Permai
Jl. Pandan No. 225, Makassar
4. Kewarganegaraan : Warga Negara Indoneisa

B. Riwayat Pendidikan

No	Strata	Institusi	Tempat	Tahun
1	SD	SD Negeri No. 1 Mamuju	Mamuju	1999-2005
2	SMP	SMP Negeri 2 Mamuju	Mamuju	2005-2008
3	SMA	SMA Negeri 2 Tinggimoncong	Gowa	2008-2011
4	Strata -1 Pendidikan Dokter	Fakultas Kedokteran Universitas Hasanuddin	Makassar	2011-2017
5	Program Pendidikan Dokter Spesialis-1	Bagian Radiologi FK Unhas	Makassar	2021-2025

C. Pekerjaan dan Riwayat Pekerjaan

1. Dokter Umum di RS Bhayangkara Hoegeng Iman Santoso Tahun 2019-2021
2. Dokter umum di RSUD Kabupaten Mamuju Tahun 2019-2021

D. Pelatihan

1. Pelatihan EKG Dasar tahun 2018
2. *Advanced Cardiac Life Support* tahun 2019
3. Pelatihan Dasar Etik Penelitian Kesehatan dan Good Clinical Practice di Makassar tahun 2022

E. Riwayat Keluarga

Ayah : H. Thamrin Azis, B.A (Alm)
Ibu : Hj. Rukmini Haruna, B.A

F. Karya ilmiah yang telah terpublikasi

- -

G. Makalah dan Seminar / Konferensi Ilmiah Nasional dan Internasional

- Intra-Abdominal Desmoid Fibromatosis In An 11-Year-Old Girl Previously Suspected As Adnexal Mass : Case Report, 22nd Asian Oceanian Congress Of Radiology (AOCR 2024), March 22-25, 2024, Taipei, Taiwan