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KUESIONER PENELITIAN
FAKTOR-FAKTOR YANG BERHUBUNGAN DENGAN KEJADIAN MSDS PADA
PEKERJA DI RS SARI ASIH KARAWACI TAHUN 2020

Oleh
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20160301023

MSDs

Tidak MSDs

A. Karakteristik Responden










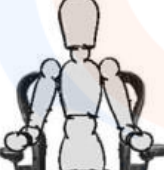

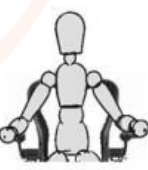
1. Nama Responden :
2. Tanggal Lahir :
3. Jenis Kelamin : (P/L)
4. Usia : Tahun
5. Masa Kerja :Tahun

B. Indeks Massa Tubuh

1. Tinggi Badan : (Cm)
2. Berat Badan : (Kg).
3. Angka IMT :

C. Sikap Kerja Duduk :

1. Kursi


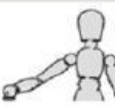


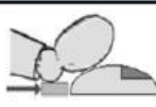
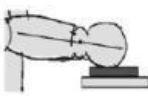
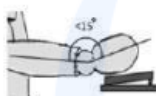



Section A - Chair					AREA SCORE
Chair Height					0
					Non-Adjustable (+1)
Knees at 90° (1)	Too low - Knee Angle <90° (2)	Too High - Knee Angle >90°(2)	No foot contact on ground (3)	Insufficient Space Under Desk - Ability to Cross Legs(+1)	
Pan Depth					0
					Non-Adjustable (+1)
Approximately 3 inches of space between knee and edge of seat (1)	Too Long - Less Than 3" of space (2)	Too Short - More than 3" of Space(2)			
Armrests					1
					Non-Adjustable (+1)
Elbows supported in line with shoulder, shoulders relaxed (1)	Too High (Shoulders Shrugged) /Low (Arms Unsupported) (2)	Hard/damaged surface (+1)	Too Wide (+1)	1	

Back Support					AREA SCORE	0
					Back Rest Non-Adjustable (+1)	
Adequate Lumbar Support - Chair reclined between 95°-110° (1)	No Lumbar Support OR Lumbar Support not Positioned in Small of Back (2)	Angled Too Far Back (Greater than 110°) OR Angled Too far forward (Less than 95°) (2)	No Back Support (ie Stool, OR Worker Leaning forward) (2)	Work Surface too High (Shoulders Shrugged)(+1)		
		DURATION	1	CHAIR SCORE	#N/A	

2. Monitor dan Telefon

Section B - Monitor and Telephone						
Monitor					AREA SCORE	
Arm's Length Distance (40-75cm) / Screen at Eye Level (1)	Too Low (below 30") (2)	Too Far (+1)	Too High (Neck Extension) (3)	Neck Twist Greater than 30° (+1)	Glare on Screen (+1)	Documents - No Holder (+1)
			DURATION		Monitor Score	
Telephone					AREA SCORE	
					No Hands-Free Options (+1)	
Headset / One Hand on Phone & Neutral Neck Posture (1)	Too Far of Reach (outside of 30cm) (2)	Neck and Shoulder Hold (+2)				
			DURATION		Phone Score	
				ROSA SCORE		

3. Mouse dan Keyboard

Section C - Mouse and Keyboard					
<i>Mouse</i>					AREA SCORE
					
Mouse in Line with Shoulder (1)	Reaching to Mouse (2)	Mouse/Keyboard on Different Surfaces (+2)	Pinch Grip on Mouse (+1)	Palmrest in Front of Mouse (+1)	
DURATION			MOUSE SCORE		
<i>Keyboard</i>					AREA SCORE
					Platform Non-Adjustable (+1)
Wrists Straight, Shoulders Relaxed (1)	Wrists Extended/ Keyboard on Positive Angle (>15° Wrist extension) (2)	Deviation while Typing (+1)	Keyboard Too High - Shoulders Shrugged (+1)	Reaching to Overhead Items (+1)	

Total Score	
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LAMPIRAN OUTPUT PENGOLAHAN DATA

UJI NORMALITAS

1. Variabel Usia

Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
USIA	77	100.0%	0	0.0%	77	100.0%

Descriptives

		Statistic	Std. Error
USIA	Mean	38.26	.971
	95% Confidence Interval for Mean		
	Lower Bound	36.32	
	Upper Bound	40.19	
	5% Trimmed Mean	38.26	
	Median	36.00	
	Variance	72.668	
	Std. Deviation	8.525	
	Minimum	24	
	Maximum	52	
	Range	28	
	Interquartile Range	14	
	Skewness	.085	.274
	Kurtosis	-1.245	.541

Tests of Normality

	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
USIA	.111	77	.020	.942	77	.002

a. Lilliefors Significance Correction

2. Variabel Masa Kerja

Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
MK	77	100.0%	0	0.0%	77	100.0%

Descriptives

		Statistic	Std. Error	
MK	Mean	9.68	.535	
	95% Confidence Interval for Mean	Lower Bound	8.61	
		Upper Bound	10.74	
	5% Trimmed Mean	9.53		
	Median	9.00		
	Variance	22.038		
	Std. Deviation	4.694		
	Minimum	2		
	Maximum	20		
	Range	18		
	Interquartile Range	6		
	Skewness	.328	.274	
	Kurtosis	-.264	.541	

Tests of Normality

	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
MK	.109	77	.025	.962	77	.021

a. Lilliefors Significance Correction

ANALISIS UNIVARIAT

1. Variabel MSDs

MSDs

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0	42	54.5	54.5	54.5
	1	35	45.5	45.5	100.0
Total		77	100.0	100.0	

2. Variabel Usia

U_K

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid 0	43	55.8	55.8	55.8
1	34	44.2	44.2	100.0
Total	77	100.0	100.0	

3. Variabel Masa Kerja

MK_K

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid 0	46	59.7	59.7	59.7
1	31	40.3	40.3	100.0
Total	77	100.0	100.0	

4. Variabel Jenis Kelamin

JK

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid 0	42	54.5	54.5	54.5
1	35	45.5	45.5	100.0
Total	77	100.0	100.0	

5. Variabel Indeks Massa Tubuh

IMT_K

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid 0	46	59.7	59.7	59.7
1	31	40.3	40.3	100.0
Total	77	100.0	100.0	

6. Variabel Sikap Kerja Duduk

SKD_K

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid 0	44	57.1	57.1	57.1
1	33	42.9	42.9	100.0
Total	77	100.0	100.0	

ANALISIS BIVARIAT

1. Usia dengan MSDs

U_K * MSDS Crosstabulation

			MSDS		Total
			0	1	
U_K	0	Count	31	12	43
		Expected Count	23.5	19.5	43.0
		% within U_K	72.1%	27.9%	100.0%
	1	Count	11	23	34
		Expected Count	18.5	15.5	34.0
		% within U_K	32.4%	67.6%	100.0%
Total	Count	42	35	77	
	Expected Count	42.0	35.0	77.0	
	% within U_K	54.5%	45.5%	100.0%	

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	12.094 ^a	1	.001		
Continuity Correction ^b	10.544	1	.001		
Likelihood Ratio	12.383	1	.000		
Fisher's Exact Test				.001	.001
Linear-by-Linear Association	11.937	1	.001		
N of Valid Cases	77				

a. 0 cells (.0%) have expected count less than 5. The minimum expected count is 15,45.

b. Computed only for a 2x2 table

Risk Estimate

	Value	95% Confidence Interval	
		Lower	Upper
Odds Ratio for U_K (0 / 1)	5.402	2.027	14.391
For cohort MSDS = 0	2.228	1.324	3.750
For cohort MSDS = 1	.413	.242	.703
N of Valid Cases	77		

2. Masa Kerja dengan MSDs

MK_K * MSDS Crosstabulation

		MSDS		Total	
		0	1		
MK_K	0	Count	30	16	46
		Expected Count	25.1	20.9	46.0
		% within MK_K	65.2%	34.8%	100.0%
1		Count	12	19	31
		Expected Count	16.9	14.1	31.0
		% within MK_K	38.7%	61.3%	100.0%
Total		Count	42	35	77
		Expected Count	42.0	35.0	77.0
		% within MK_K	54.5%	45.5%	100.0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	5.249 ^a	1	.022		
Continuity Correction ^b	4.234	1	.040		
Likelihood Ratio	5.286	1	.021		
Fisher's Exact Test				.035	.020
Linear-by-Linear Association	5.180	1	.023		
N of Valid Cases	77				

a. 0 cells (.0%) have expected count less than 5. The minimum expected count is 14,09.

b. Computed only for a 2x2 table

Risk Estimate

	Value	95% Confidence Interval	
		Lower	Upper
Odds Ratio for MK_K (0 / 1)	2.969	1.155	7.628
For cohort MSDS = 0	1.685	1.031	2.752
For cohort MSDS = 1	.568	.350	.921
N of Valid Cases	77		

3. Jenis Kelamin dengan MSDs

JK * MSDS Crosstabulation

			MSDS		Total
			0	1	
JK	0	Count	29	13	42
		Expected Count	22.9	19.1	42.0
		% within JK	69.0%	31.0%	100.0%
	1	Count	13	22	35
		Expected Count	19.1	15.9	35.0
		% within JK	37.1%	62.9%	100.0%
Total		Count	42	35	77
		Expected Count	42.0	35.0	77.0
		% within JK	54.5%	45.5%	100.0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	7.838 ^a	1	.005		
Continuity Correction ^b	6.604	1	.010		
Likelihood Ratio	7.955	1	.005		
Fisher's Exact Test				.006	.005
Linear-by-Linear Association	7.736	1	.005		
N of Valid Cases	77				

a. 0 cells (.0%) have expected count less than 5. The minimum expected count is 15,91.

b. Computed only for a 2x2 table

Risk Estimate

	Value	95% Confidence Interval	
		Lower	Upper
Odds Ratio for JK (0 / 1)	3.775	1.463	9.739
For cohort MSDS = 0	1.859	1.155	2.993
For cohort MSDS = 1	.492	.293	.827
N of Valid Cases	77		

4. Indeks Massa Tubuh dengan MSDs

IMT_K * MSDS Crosstabulation

		MSDS		Total
		0	1	
IMT_K 0	Count	30	16	46
	Expected Count	25.1	20.9	46.0
	% within IMT_K	65.2%	34.8%	100.0%
1	Count	12	19	31
	Expected Count	16.9	14.1	31.0
	% within IMT_K	38.7%	61.3%	100.0%
Total	Count	42	35	77
	Expected Count	42.0	35.0	77.0
	% within IMT_K	54.5%	45.5%	100.0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	5.249 ^a	1	.022		
Continuity Correction ^b	4.234	1	.040		
Likelihood Ratio	5.286	1	.021		
Fisher's Exact Test				.035	.020
Linear-by-Linear Association	5.180	1	.023		
N of Valid Cases	77				

a. 0 cells (.0%) have expected count less than 5. The minimum expected count is 14,09.

b. Computed only for a 2x2 table

Risk Estimate

	Value	95% Confidence Interval	
		Lower	Upper
Odds Ratio for IMT_K (0 / 1)	2.969	1.155	7.628
For cohort MSDS = 0	1.685	1.031	2.752
For cohort MSDS = 1	.568	.350	.921
N of Valid Cases	77		

5. Sikap Kerja Duduk dengan MSDs

SKD_K * MSDS Crosstabulation

		MSDS		Total
		0	1	
SKD_K 0	Count	35	9	44
	Expected Count	24.0	20.0	44.0
	% within SKD_K	79.5%	20.5%	100.0%
1	Count	7	26	33
	Expected Count	18.0	15.0	33.0
	% within SKD_K	21.2%	78.8%	100.0%
Total	Count	42	35	77
	Expected Count	42.0	35.0	77.0
	% within SKD_K	54.5%	45.5%	100.0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	25.881 ^a	1	.000		
Continuity Correction ^b	23.581	1	.000		
Likelihood Ratio	27.417	1	.000		
Fisher's Exact Test				.000	.000
Linear-by-Linear Association	25.544	1	.000		
N of Valid Cases	77				

a. 0 cells (.0%) have expected count less than 5. The minimum expected count is 15,00.

b. Computed only for a 2x2 table

Risk Estimate

	Value	95% Confidence Interval	
		Lower	Upper
Odds Ratio for SKD_K (0 / 1)	14.444	4.758	43.850
For cohort MSDS = 0	3.750	1.910	7.361
For cohort MSDS = 1	.260	.141	.477
N of Valid Cases	77		