

## Output for:

### Table 26-4 Significant Differences for Tukey's HSD

### Table 26-5 Significant Differences for the Student-Newman-Keuls Test

### Table 26-6 Significant Differences for the Scheffe Comparison

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ONEWAY ROM BY Group
  /STATISTICS DESCRIPTIVES HOMOGENEITY
  /PLOT MEANS
  /MISSING ANALYSIS
  /POSTHOC=SNK TUKEY SCHEFFE ALPHA(0.05) .
```

## Oneway

### Descriptives

ROM

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
Ice	11	44.18	10.870	3.278	36.88	51.48	23	58
NSAID	11	45.27	8.403	2.534	39.63	50.92	29	56
Splint	11	35.27	9.509	2.867	28.88	41.66	19	49
Rest	11	24.09	8.538	2.574	18.36	29.83	14	37
Total	44	37.20	12.487	1.883	33.41	41.00	14	58

### Test of Homogeneity of Variances

		Levene Statistic	df1	df2	Sig.
ROM	Based on Mean	.329	3	40	.804
	Based on Median	.168	3	40	.917
	Based on Median and with adjusted df	.168	3	36.295	.917
	Based on trimmed mean	.305	3	40	.821

### ANOVA

ROM

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	3184.250	3	1061.417	12.058	.000
Within Groups	3520.909	40	88.023		
Total	6705.159	43			

## Post Hoc Tests

### Multiple Comparisons

Dependent Variable: ROM

			Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
	(I) Group	(J) Group				Lower Bound	Lower Bound
Tukey HSD	Ice	NSAID	-1.091	4.001	.993	-11.81	9.63
		Splint	8.909	4.001	.133	-1.81	19.63
		Rest	20.091*	4.001	.000	9.37	30.81
	NSAID	Ice	1.091	4.001	.993	-9.63	11.81
		Splint	10.000	4.001	.075	-.72	20.72
		Rest	21.182*	4.001	.000	10.46	31.90
	Splint	Ice	-8.909	4.001	.133	-19.63	1.81
		NSAID	-10.000	4.001	.075	-20.72	.72
		Rest	11.182*	4.001	.038	.46	21.90
	Rest	Ice	-20.091*	4.001	.000	-30.81	-9.37
		NSAID	-21.182*	4.001	.000	-31.90	-10.46
		Splint	-11.182*	4.001	.038	-21.90	-.46
Scheffe	Ice	NSAID	-1.091	4.001	.995	-12.77	10.58
		Splint	8.909	4.001	.192	-2.77	20.58
		Rest	20.091*	4.001	.000	8.42	31.77
	NSAID	Ice	1.091	4.001	.995	-10.58	12.77
		Splint	10.000	4.001	.118	-1.67	21.67
		Rest	21.182*	4.001	.000	9.51	32.86
	Splint	Ice	-8.909	4.001	.192	-20.58	2.77
		NSAID	-10.000	4.001	.118	-21.67	1.67
		Rest	11.182	4.001	.065	-.49	22.86
	Rest	Ice	-20.091*	4.001	.000	-31.77	-8.42
		NSAID	-21.182*	4.001	.000	-32.86	-9.51
		Splint	-11.182	4.001	.065	-22.86	.49

\*. The mean difference is significant at the 0.05 level.

## Homogeneous Subsets

ROM			Subset for alpha = 0.05		
	Group	N	1	2	3
Student-Newman-Keuls <sup>a</sup>	Rest	11	24.09		
	Splint	11		35.27	
	Ice	11			44.18
	NSAID	11			45.27
	Sig.		1.000	1.000	.786
Tukey HSD <sup>a</sup>	Rest	11	24.09		
	Splint	11		35.27	
	Ice	11		44.18	
	NSAID	11		45.27	
	Sig.		1.000	.075	
Scheffe <sup>a</sup>	Rest	11	24.09		
	Splint	11	35.27	35.27	
	Ice	11		44.18	
	NSAID	11		45.27	
	Sig.		.065	.118	

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 11.000.

## Means Plots

