

## Crosstabs

### Notes

<b>Output Created</b>		14-OCT-2024 19:53:07
<b>Comments</b>		
<b>Input</b>	<b>Data</b>	/Users/juanantoniovaleracalero/Library/CloudStorage/OneDrive-UniversidadComplutense deMadrid(UCM)/Investigación/Encuestapunción/SPSS Encues EA.sav
	<b>Active Dataset</b>	ConjuntoDatos1
	<b>Filter</b>	<none>
	<b>Weight</b>	<none>
	<b>Split File</b>	<none>
	<b>N of Rows in Working Data File</b>	422
<b>Missing Value Handling</b>	<b>Definition of Missing</b>	User-defined missing values are treated as missing.
	<b>Cases Used</b>	Statistics for each table are based on all the cases with valid data in the specified range(s) for all variables in each table.
<b>Syntax</b>		<p><b>CROSSTABS</b></p> <p>/TABLES=Postneedling_Soreness DN_Interruption Symptoms_Worsening Bent_Needle Stuck_Needle Broken_Needle Lost_Needle Self_Needling Pneumothorax Hematoma Excessive_Bleeding</p> <p>Accidental_Nerve_Puncture Accidental_Visceral_Puncture Infection Fainting Allergy Myoedema BY Hours_of_Training Professional_Experience Percentage_of_DN_use Weekly_Dedication /FORMAT=AVALUE TABLES /STATISTICS=CHISQ /CELLS=ROW /COUNT ROUND CELL.</p>
<b>Resources</b>	<b>Processor Time</b>	00:00:00,28
	<b>Elapsed Time</b>	00:00:00,00

**Notes**

Dimensions Requested	2
Cells Available	524245

**Case Processing Summary**

	Valid		Cases Missing		Total	
	N	Percent	N	Percent	N	Percent
Postneedling_Soreness * Hours_of_Training	422	100.0%	0	0.0%	422	100.0%
Postneedling_Soreness * Professional_Experience	422	100.0%	0	0.0%	422	100.0%
Postneedling_Soreness * Percentage_of_DN_use	419	99.3%	3	0.7%	422	100.0%
Postneedling_Soreness * Weekly_Dedication	422	100.0%	0	0.0%	422	100.0%
DN_Interruption * Hours_of_Training	420	99.5%	2	0.5%	422	100.0%
DN_Interruption * Professional_Experience	420	99.5%	2	0.5%	422	100.0%
DN_Interruption * Percentage_of_DN_use	417	98.8%	5	1.2%	422	100.0%
DN_Interruption * Weekly_Dedication	420	99.5%	2	0.5%	422	100.0%
Symptoms_Worsening * Hours_of_Training	422	100.0%	0	0.0%	422	100.0%
Symptoms_Worsening * Professional_Experience	422	100.0%	0	0.0%	422	100.0%
Symptoms_Worsening * Percentage_of_DN_use	419	99.3%	3	0.7%	422	100.0%
Symptoms_Worsening * Weekly_Dedication	422	100.0%	0	0.0%	422	100.0%
Bent_Needle * Hours_of_Training	420	99.5%	2	0.5%	422	100.0%
Bent_Needle * Professional_Experience	420	99.5%	2	0.5%	422	100.0%
Bent_Needle * Percentage_of_DN_use	417	98.8%	5	1.2%	422	100.0%
Bent_Needle * Weekly_Dedication	420	99.5%	2	0.5%	422	100.0%
Stuck_Needle * Hours_of_Training	420	99.5%	2	0.5%	422	100.0%
Stuck_Needle * Professional_Experience	420	99.5%	2	0.5%	422	100.0%
Stuck_Needle * Percentage_of_DN_use	417	98.8%	5	1.2%	422	100.0%
Stuck_Needle * Weekly_Dedication	420	99.5%	2	0.5%	422	100.0%
Broken_Needle * Hours_of_Training	420	99.5%	2	0.5%	422	100.0%

### Case Processing Summary

	Valid		Cases Missing		Total	
	N	Percent	N	Percent	N	Percent
Broken_Needle * Professional_Experience	420	99.5%	2	0.5%	422	100.0%
Broken_Needle * Percentage_of_DN_use	417	98.8%	5	1.2%	422	100.0%
Broken_Needle * Weekly_Dedication	420	99.5%	2	0.5%	422	100.0%
Lost_Needle * Hours_of_Training	420	99.5%	2	0.5%	422	100.0%
Lost_Needle * Professional_Experience	420	99.5%	2	0.5%	422	100.0%
Lost_Needle * Percentage_of_DN_use	417	98.8%	5	1.2%	422	100.0%
Lost_Needle * Weekly_Dedication	420	99.5%	2	0.5%	422	100.0%
Self_Needling * Hours_of_Training	420	99.5%	2	0.5%	422	100.0%
Self_Needling * Professional_Experience	420	99.5%	2	0.5%	422	100.0%
Self_Needling * Percentage_of_DN_use	417	98.8%	5	1.2%	422	100.0%
Self_Needling * Weekly_Dedication	420	99.5%	2	0.5%	422	100.0%
Pneumothorax * Hours_of_Training	414	98.1%	8	1.9%	422	100.0%
Pneumothorax * Professional_Experience	414	98.1%	8	1.9%	422	100.0%
Pneumothorax * Percentage_of_DN_use	411	97.4%	11	2.6%	422	100.0%
Pneumothorax * Weekly_Dedication	414	98.1%	8	1.9%	422	100.0%
Hematoma * Hours_of_Training	422	100.0%	0	0.0%	422	100.0%
Hematoma * Professional_Experience	422	100.0%	0	0.0%	422	100.0%
Hematoma * Percentage_of_DN_use	419	99.3%	3	0.7%	422	100.0%
Hematoma * Weekly_Dedication	422	100.0%	0	0.0%	422	100.0%
Excessive_Bleeding * Hours_of_Training	418	99.1%	4	0.9%	422	100.0%
Excessive_Bleeding * Professional_Experience	418	99.1%	4	0.9%	422	100.0%
Excessive_Bleeding * Percentage_of_DN_use	415	98.3%	7	1.7%	422	100.0%
Excessive_Bleeding * Weekly_Dedication	418	99.1%	4	0.9%	422	100.0%

### Case Processing Summary

	Valid		Cases Missing		Total	
	N	Percent	N	Percent	N	Percent
Accidental_Nerve_Puncture * Hours_of_Training	417	98.8%	5	1.2%	422	100.0%
Accidental_Nerve_Puncture * Professional_Experience	417	98.8%	5	1.2%	422	100.0%
Accidental_Nerve_Puncture * Percentage_of_DN_use	414	98.1%	8	1.9%	422	100.0%
Accidental_Nerve_Puncture * Weekly_Dedication	417	98.8%	5	1.2%	422	100.0%
Accidental_Visceral_Puncture * Hours_of_Training	420	99.5%	2	0.5%	422	100.0%
Accidental_Visceral_Puncture * Professional_Experience	420	99.5%	2	0.5%	422	100.0%
Accidental_Visceral_Puncture * Percentage_of_DN_use	417	98.8%	5	1.2%	422	100.0%
Accidental_Visceral_Puncture * Weekly_Dedication	420	99.5%	2	0.5%	422	100.0%
Infection * Hours_of_Training	416	98.6%	6	1.4%	422	100.0%
Infection * Professional_Experience	416	98.6%	6	1.4%	422	100.0%
Infection * Percentage_of_DN_use	413	97.9%	9	2.1%	422	100.0%
Infection * Weekly_Dedication	416	98.6%	6	1.4%	422	100.0%
Fainting * Hours_of_Training	420	99.5%	2	0.5%	422	100.0%
Fainting * Professional_Experience	420	99.5%	2	0.5%	422	100.0%
Fainting * Percentage_of_DN_use	417	98.8%	5	1.2%	422	100.0%
Fainting * Weekly_Dedication	420	99.5%	2	0.5%	422	100.0%
Allergy * Hours_of_Training	414	98.1%	8	1.9%	422	100.0%
Allergy * Professional_Experience	414	98.1%	8	1.9%	422	100.0%
Allergy * Percentage_of_DN_use	411	97.4%	11	2.6%	422	100.0%
Allergy * Weekly_Dedication	414	98.1%	8	1.9%	422	100.0%
Myoedema * Hours_of_Training	418	99.1%	4	0.9%	422	100.0%
Myoedema * Professional_Experience	418	99.1%	4	0.9%	422	100.0%

### Case Processing Summary

	Valid		Cases Missing		Total	
	N	Percent	N	Percent	N	Percent
Myoedema * Percentage_of_DN_use	415	98.3%	7	1.7%	422	100.0%
Myoedema * Weekly_Dedication	418	99.1%	4	0.9%	422	100.0%

### Postneedling\_Soreness \* Hours\_of\_Training

#### Crosstab

% within Postneedling\_Soreness

		Hours_of_Training			
		0-20 hours	20-60 hours	80-100 hours	>100 hours
Postneedling_Soreness	Never	66.7%	33.3%		
	Rarely	24.2%	33.3%	18.2%	24.2%
	Sometimes	19.7%	34.1%	20.5%	25.8%
	Often	18.8%	40.6%	13.4%	27.2%
	Always	14.0%	48.8%	18.6%	18.6%
Total		20.4%	38.6%	16.1%	24.9%

#### Crosstab

% within Postneedling\_Soreness

		Total
Postneedling_Soreness	Never	100.0%
	Rarely	100.0%
	Sometimes	100.0%
	Often	100.0%
	Always	100.0%
Total		100.0%

### Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	25.231 <sup>a</sup>	12	.014
Likelihood Ratio	25.419	12	.013
Linear-by-Linear Association	2.680	1	.102
N of Valid Cases	422		

a. 4 cells (20.0%) have expected count less than 5. The minimum expected count is 1.93.

### Postneedling\_Soreness \* Professional\_Experience

**Crosstab**

% within Postneedling\_Soreness

		Professional_Experience				Total
		<2 years	3-5 years	6-10 years	>10 years	
Postneedling_Soreness	Never	33.3%	16.7%	25.0%	25.0%	100.0%
	Rarely	30.3%	54.5%	6.1%	9.1%	100.0%
	Sometimes	37.9%	26.5%	30.3%	5.3%	100.0%
	Often	36.1%	32.7%	25.7%	5.4%	100.0%
	Always	34.9%	44.2%	20.9%		100.0%
Total		36.0%	33.2%	25.1%	5.7%	100.0%

**Chi-Square Tests**

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	26.905 <sup>a</sup>	12	.008
Likelihood Ratio	27.149	12	.007
Linear-by-Linear Association	1.462	1	.227
N of Valid Cases	422		

a. 6 cells (30.0%) have expected count less than 5. The minimum expected count is .68.

**Postneedling\_Soreness \* Percentage\_of\_DN\_use**

**Crosstab**

% within Postneedling\_Soreness

		Percentage_of_DN_use				
		0-19%	20-39%	40-59%	60-79%	80-100%
Postneedling_Soreness	Never	58.3%	25.0%	16.7%		
	Rarely	27.3%	57.6%	15.2%		
	Sometimes	28.7%	31.0%	18.6%	20.2%	1.6%
	Often	31.7%	35.6%	18.3%	11.9%	2.5%
	Always	34.9%	25.6%	30.2%	9.3%	
Total		31.5%	34.6%	19.3%	12.9%	1.7%

**Crosstab**

% within Postneedling\_Soreness

		Total
Postneedling_Soreness	Never	100.0%
	Rarely	100.0%
	Sometimes	100.0%
	Often	100.0%
	Always	100.0%
Total		100.0%

### Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	27.388 <sup>a</sup>	16	.037
Likelihood Ratio	32.226	16	.009
Linear-by-Linear Association	.964	1	.326
N of Valid Cases	419		

a. 10 cells (40.0%) have expected count less than 5. The minimum expected count is .20.

### Postneedling\_Soreness \* Weekly\_Dedication

#### Crosstab

% within Postneedling\_Soreness

		Weekly_Dedication			
		<10 hours	11-20 hours	21-30 hours	31-40 hours
Postneedling_Soreness	Never				50.0%
	Rarely		21.2%	33.3%	21.2%
	Sometimes	10.6%	12.9%	12.9%	42.4%
	Often	4.0%	6.9%	23.8%	48.5%
	Always	7.0%	4.7%	30.2%	48.8%
Total		5.9%	9.5%	21.1%	44.5%

#### Crosstab

% within Postneedling\_Soreness

		Weekly_Dedi...	
		>40 hours	Total
Postneedling_Soreness	Never	50.0%	100.0%
	Rarely	24.2%	100.0%
	Sometimes	21.2%	100.0%
	Often	16.8%	100.0%
	Always	9.3%	100.0%
Total		19.0%	100.0%

### Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	45.086 <sup>a</sup>	16	<.001
Likelihood Ratio	49.223	16	<.001
Linear-by-Linear Association	.606	1	.436
N of Valid Cases	422		

a. 8 cells (32.0%) have expected count less than 5. The minimum expected count is .71.

**DN\_Interruption \* Hours\_of\_Training**

**Crosstab**

% within DN\_Interruption

		Hours_of_Training			
		0-20 hours	20-60 hours	80-100 hours	>100 hours
DN_Interruption	Never	30.2%	46.5%	14.0%	9.3%
	Rarely	18.1%	36.2%	16.5%	29.2%
	Sometimes	19.0%	41.7%	14.3%	25.0%
	Often			40.0%	60.0%
	Always				100.0%
<b>Total</b>		<b>20.5%</b>	<b>38.8%</b>	<b>15.7%</b>	<b>25.0%</b>

**Crosstab**

% within DN\_Interruption

		Total
DN_Interruption	Never	100.0%
	Rarely	100.0%
	Sometimes	100.0%
	Often	100.0%
	Always	100.0%
<b>Total</b>		<b>100.0%</b>

**Chi-Square Tests**

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	30.523 <sup>a</sup>	12	.002
Likelihood Ratio	33.831	12	<.001
Linear-by-Linear Association	13.813	1	<.001
N of Valid Cases	420		

a. 8 cells (40.0%) have expected count less than 5. The minimum expected count is .31.

**DN\_Interruption \* Professional\_Experience**

**Crosstab**

% within DN\_Interruption

		Professional_Experience				Total
		<2 years	3-5 years	6-10 years	>10 years	
DN_Interruption	Never	31.4%	33.7%	32.6%	2.3%	100.0%
	Rarely	37.4%	30.0%	26.3%	6.2%	100.0%
	Sometimes	34.5%	40.5%	16.7%	8.3%	100.0%
	Often	60.0%	40.0%			100.0%
	Always		100.0%			100.0%
<b>Total</b>		<b>35.7%</b>	<b>33.3%</b>	<b>25.2%</b>	<b>5.7%</b>	<b>100.0%</b>

### Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	16.420 <sup>a</sup>	12	.173
Likelihood Ratio	18.733	12	.095
Linear-by-Linear Association	.844	1	.358
N of Valid Cases	420		

a. 10 cells (50.0%) have expected count less than 5. The minimum expected count is .11.

### DN\_Interruption \* Percentage\_of\_DN\_use

#### Crosstab

% within DN\_Interruption

		Percentage_of_DN_use					Total
		0-19%	20-39%	40-59%	60-79%	80-100%	
DN_Interruption	Never	44.6%	38.6%	8.4%	8.4%		100.0%
	Rarely	27.6%	32.1%	24.3%	14.4%	1.6%	100.0%
	Sometimes	33.3%	41.7%	9.5%	11.9%	3.6%	100.0%
	Often			100.0%			100.0%
	Always			100.0%			100.0%
Total		31.7%	34.8%	19.4%	12.5%	1.7%	100.0%

### Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	54.131 <sup>a</sup>	16	<.001
Likelihood Ratio	50.758	16	<.001
Linear-by-Linear Association	6.239	1	.012
N of Valid Cases	417		

a. 13 cells (52.0%) have expected count less than 5. The minimum expected count is .03.

### DN\_Interruption \* Weekly\_Dedication

**Crosstab**

% within DN\_Interruption

		Weekly_Dedication			
		<10 hours	11-20 hours	21-30 hours	31-40 hours
DN_Interruption	Never	3.5%	7.0%	15.1%	45.3%
	Rarely	5.3%	9.9%	21.4%	43.2%
	Sometimes	6.0%	9.5%	28.6%	48.8%
	Often	40.0%			60.0%
	Always		100.0%		
<b>Total</b>		<b>5.5%</b>	<b>9.5%</b>	<b>21.2%</b>	<b>44.8%</b>

**Crosstab**

% within DN\_Interruption

		Weekly_Dedi...	
		>40 hours	Total
DN_Interruption	Never	29.1%	100.0%
	Rarely	20.2%	100.0%
	Sometimes	7.1%	100.0%
	Often		100.0%
	Always		100.0%
<b>Total</b>		<b>19.0%</b>	<b>100.0%</b>

**Chi-Square Tests**

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	48.961 <sup>a</sup>	16	<.001
Likelihood Ratio	36.888	16	.002
Linear-by-Linear Association	14.614	1	<.001
N of Valid Cases	420		

a. 12 cells (48.0%) have expected count less than 5. The minimum expected count is .11.

**Symptoms\_Worsening \* Hours\_of\_Training**

**Crosstab**

% within Symptoms\_Worsening

		Hours_of_Training			
		0-20 hours	20-60 hours	80-100 hours	>100 hours
Symptoms_Worsening	Never	21.3%	36.9%	21.3%	20.6%
	Rarely	17.2%	38.8%	13.8%	30.2%
	Sometimes	39.1%	43.5%	8.7%	8.7%
	Often	42.9%	57.1%		
<b>Total</b>		<b>20.4%</b>	<b>38.6%</b>	<b>16.1%</b>	<b>24.9%</b>

**Crosstab**

% within Symptoms\_Worsening

		Total
Symptoms_Worsening	Never	100.0%
	Rarely	100.0%
	Sometimes	100.0%
	Often	100.0%
Total		100.0%

**Chi-Square Tests**

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	21.021 <sup>a</sup>	9	.013
Likelihood Ratio	23.278	9	.006
Linear-by-Linear Association	1.790	1	.181
N of Valid Cases	422		

a. 6 cells (37.5%) have expected count less than 5. The minimum expected count is 1.13.

**Symptoms\_Worsening \* Professional\_Experience**

**Crosstab**

% within Symptoms\_Worsening

		Professional_Experience				Total
		<2 years	3-5 years	6-10 years	>10 years	
Symptoms_Worsening	Never	33.1%	30.6%	31.3%	5.0%	100.0%
	Rarely	39.7%	33.6%	21.1%	5.6%	100.0%
	Sometimes	21.7%	34.8%	30.4%	13.0%	100.0%
	Often	28.6%	71.4%			100.0%
Total		36.0%	33.2%	25.1%	5.7%	100.0%

**Chi-Square Tests**

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	14.677 <sup>a</sup>	9	.100
Likelihood Ratio	15.584	9	.076
Linear-by-Linear Association	.481	1	.488
N of Valid Cases	422		

a. 5 cells (31.3%) have expected count less than 5. The minimum expected count is .40.

**Symptoms\_Worsening \* Percentage\_of\_DN\_use**

**Crosstab**

% within Symptoms\_Worsening

		Percentage_of_DN_use				
		0-19%	20-39%	40-59%	60-79%	80-100%
Symptoms_Worsening	Never	38.9%	34.4%	20.4%	6.4%	
	Rarely	27.6%	33.2%	20.3%	17.2%	1.7%
	Sometimes	21.7%	47.8%	8.7%	8.7%	13.0%
	Often	28.6%	42.9%		28.6%	
Total		31.5%	34.6%	19.3%	12.9%	1.7%

**Crosstab**

% within Symptoms\_Worsening

		Total
Symptoms_Worsening	Never	100.0%
	Rarely	100.0%
	Sometimes	100.0%
	Often	100.0%
Total		100.0%

**Chi-Square Tests**

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	39.653 <sup>a</sup>	12	<.001
Likelihood Ratio	33.762	12	<.001
Linear-by-Linear Association	10.364	1	.001
N of Valid Cases	419		

a. 10 cells (50.0%) have expected count less than 5. The minimum expected count is .12.

**Symptoms\_Worsening \* Weekly\_Dedication**

**Crosstab**

% within Symptoms\_Worsening

		Weekly_Dedication			
		<10 hours	11-20 hours	21-30 hours	31-40 hours
Symptoms_Worsening	Never	3.8%	5.6%	22.5%	43.8%
	Rarely	7.3%	11.2%	22.0%	43.1%
	Sometimes	8.7%	8.7%		69.6%
	Often		42.9%	28.6%	28.6%
Total		5.9%	9.5%	21.1%	44.5%

**Crosstab**

% within Symptoms\_Worsening

		Weekly_Dedi...	
		>40 hours	Total
Symptoms_Worsening	Never	24.4%	100.0%
	Rarely	16.4%	100.0%
	Sometimes	13.0%	100.0%
	Often		100.0%
Total		19.0%	100.0%

**Chi-Square Tests**

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	28.322 <sup>a</sup>	12	.005
Likelihood Ratio	31.005	12	.002
Linear-by-Linear Association	7.006	1	.008
N of Valid Cases	422		

a. 9 cells (45.0%) have expected count less than 5. The minimum expected count is .41.

**Bent\_Needle \* Hours\_of\_Training**

**Crosstab**

% within Bent\_Needle

		Hours_of_Training				Total
		0-20 hours	20-60 hours	80-100 hours	>100 hours	
Bent_Needle	Never	24.6%	47.7%	10.8%	16.9%	100.0%
	Rarely	19.9%	26.7%	23.6%	29.8%	100.0%
	Sometimes	16.8%	42.5%	9.7%	31.0%	100.0%
	Often	18.8%	62.5%	18.8%		100.0%
Total		20.5%	38.8%	15.7%	25.0%	100.0%

**Chi-Square Tests**

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	34.864 <sup>a</sup>	9	<.001
Likelihood Ratio	39.074	9	<.001
Linear-by-Linear Association	2.401	1	.121
N of Valid Cases	420		

a. 3 cells (18.8%) have expected count less than 5. The minimum expected count is 2.51.

**Bent\_Needle \* Professional\_Experience**

**Crosstab**

% within Bent\_Needle

		Professional_Experience				Total
		<2 years	3-5 years	6-10 years	>10 years	
Bent_Needle	Never	47.7%	31.5%	20.8%		100.0%
	Rarely	35.4%	35.4%	21.1%	8.1%	100.0%
	Sometimes	24.8%	31.9%	33.6%	9.7%	100.0%
	Often	18.8%	37.5%	43.8%		100.0%
Total		35.7%	33.3%	25.2%	5.7%	100.0%

**Chi-Square Tests**

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	31.334 <sup>a</sup>	9	<.001
Likelihood Ratio	38.596	9	<.001
Linear-by-Linear Association	21.767	1	<.001
N of Valid Cases	420		

a. 2 cells (12.5%) have expected count less than 5. The minimum expected count is .91.

**Bent\_Needle \* Percentage\_of\_DN\_use**

**Crosstab**

% within Bent\_Needle

		Percentage_of_DN_use					Total
		0-19%	20-39%	40-59%	60-79%	80-100%	
Bent_Needle	Never	39.2%	46.9%	10.0%	3.8%		100.0%
	Rarely	31.6%	31.0%	19.6%	15.8%	1.9%	100.0%
	Sometimes	22.1%	26.5%	30.1%	17.7%	3.5%	100.0%
	Often	37.5%	31.3%	18.8%	12.5%		100.0%
Total		31.7%	34.8%	19.4%	12.5%	1.7%	100.0%

**Chi-Square Tests**

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	43.240 <sup>a</sup>	12	<.001
Likelihood Ratio	47.844	12	<.001
Linear-by-Linear Association	22.497	1	<.001
N of Valid Cases	417		

a. 6 cells (30.0%) have expected count less than 5. The minimum expected count is .27.

**Bent\_Needle \* Weekly\_Dedication**

**Crosstab**

% within Bent\_Needle

		Weekly_Dedication				
		<10 hours	11-20 hours	21-30 hours	31-40 hours	>40 hours
Bent_Needle	Never	7.7%	8.5%	18.5%	52.3%	13.1%
	Rarely	6.2%	9.3%	21.1%	40.4%	23.0%
	Sometimes	2.7%	9.7%	25.7%	41.6%	20.4%
	Often		18.8%	12.5%	50.0%	18.8%
Total		5.5%	9.5%	21.2%	44.8%	19.0%

**Crosstab**

% within Bent\_Needle

		Total
Bent_Needle	Never	100.0%
	Rarely	100.0%
	Sometimes	100.0%
	Often	100.0%
Total		100.0%

**Chi-Square Tests**

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	14.076 <sup>a</sup>	12	.296
Likelihood Ratio	15.104	12	.236
Linear-by-Linear Association	.893	1	.345
N of Valid Cases	420		

a. 4 cells (20.0%) have expected count less than 5. The minimum expected count is .88.

**Stuck\_Needle \* Hours\_of\_Training**

**Crosstab**

% within Stuck\_Needle

		Hours_of_Training				Total
		0-20 hours	20-60 hours	80-100 hours	>100 hours	
Stuck_Needle	Never	23.7%	36.9%	14.6%	24.7%	100.0%
	Rarely	15.5%	34.8%	22.6%	27.1%	100.0%
	Sometimes	22.4%	53.7%	3.0%	20.9%	100.0%
Total		20.5%	38.8%	15.7%	25.0%	100.0%

### Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	20.132 <sup>a</sup>	6	.003
Likelihood Ratio	22.832	6	<.001
Linear-by-Linear Association	.127	1	.722
N of Valid Cases	420		

a. 0 cells (0.0%) have expected count less than 5. The minimum expected count is 10.53.

### Stuck\_Needle \* Professional\_Experience

#### Crosstab

% within Stuck\_Needle

		Professional_Experience				Total
		<2 years	3-5 years	6-10 years	>10 years	
Stuck_Needle	Never	43.4%	31.8%	21.2%	3.5%	100.0%
	Rarely	34.2%	30.3%	25.8%	9.7%	100.0%
	Sometimes	16.4%	44.8%	35.8%	3.0%	100.0%
Total		35.7%	33.3%	25.2%	5.7%	100.0%

### Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	24.623 <sup>a</sup>	6	<.001
Likelihood Ratio	25.375	6	<.001
Linear-by-Linear Association	12.364	1	<.001
N of Valid Cases	420		

a. 1 cells (8.3%) have expected count less than 5. The minimum expected count is 3.83.

### Stuck\_Needle \* Percentage\_of\_DN\_use

#### Crosstab

% within Stuck\_Needle

		Percentage_of_DN_use					Total
		0-19%	20-39%	40-59%	60-79%	80-100%	
Stuck_Needle	Never	34.3%	38.4%	15.7%	10.1%	1.5%	100.0%
	Rarely	34.2%	23.2%	24.5%	16.8%	1.3%	100.0%
	Sometimes	17.2%	51.6%	18.8%	9.4%	3.1%	100.0%
Total		31.7%	34.8%	19.4%	12.5%	1.7%	100.0%

### Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	25.058 <sup>a</sup>	8	.002
Likelihood Ratio	25.658	8	.001
Linear-by-Linear Association	3.823	1	.051
N of Valid Cases	417		

a. 3 cells (20.0%) have expected count less than 5. The minimum expected count is 1.07.

### Stuck\_Needle \* Weekly\_Dedication

#### Crosstab

% within Stuck\_Needle

		Weekly_Dedication				
		<10 hours	11-20 hours	21-30 hours	31-40 hours	>40 hours
Stuck_Needle	Never	2.5%	6.1%	19.2%	48.0%	24.2%
	Rarely	9.7%	10.3%	22.6%	40.6%	16.8%
	Sometimes	4.5%	17.9%	23.9%	44.8%	9.0%
Total		5.5%	9.5%	21.2%	44.8%	19.0%

#### Crosstab

% within Stuck\_Needle

		Total
Stuck_Needle	Never	100.0%
	Rarely	100.0%
	Sometimes	100.0%
Total		100.0%

### Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	24.409 <sup>a</sup>	8	.002
Likelihood Ratio	24.303	8	.002
Linear-by-Linear Association	15.708	1	<.001
N of Valid Cases	420		

a. 1 cells (6.7%) have expected count less than 5. The minimum expected count is 3.67.

### Broken\_Needle \* Hours\_of\_Training

**Crosstab**

% within Broken\_Needle

		Hours_of_Training				Total
		0-20 hours	20-60 hours	80-100 hours	>100 hours	
Broken_Needle	Never	20.0%	38.8%	15.0%	26.3%	100.0%
	Rarely	30.0%	40.0%	30.0%		100.0%
Total		20.5%	38.8%	15.7%	25.0%	100.0%

**Chi-Square Tests**

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	8.915 <sup>a</sup>	3	.030
Likelihood Ratio	13.249	3	.004
Linear-by-Linear Association	3.705	1	.054
N of Valid Cases	420		

a. 2 cells (25.0%) have expected count less than 5. The minimum expected count is 3.14.

**Broken\_Needle \* Professional\_Experience**

**Crosstab**

% within Broken\_Needle

		Professional_Experience				Total
		<2 years	3-5 years	6-10 years	>10 years	
Broken_Needle	Never	33.5%	34.5%	26.0%	6.0%	100.0%
	Rarely	80.0%	10.0%	10.0%		100.0%
Total		35.7%	33.3%	25.2%	5.7%	100.0%

**Chi-Square Tests**

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	18.094 <sup>a</sup>	3	<.001
Likelihood Ratio	18.158	3	<.001
Linear-by-Linear Association	12.586	1	<.001
N of Valid Cases	420		

a. 1 cells (12.5%) have expected count less than 5. The minimum expected count is 1.14.

**Broken\_Needle \* Percentage\_of\_DN\_use**

**Crosstab**

% within Broken\_Needle

		Percentage_of_DN_use					Total
		0-19%	20-39%	40-59%	60-79%	80-100%	
Broken_Needle	Never	30.5%	36.5%	19.1%	12.1%	1.8%	100.0%
	Rarely	55.0%		25.0%	20.0%		100.0%
Total		31.7%	34.8%	19.4%	12.5%	1.7%	100.0%

**Chi-Square Tests**

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	12.566 <sup>a</sup>	4	.014
Likelihood Ratio	19.056	4	<.001
Linear-by-Linear Association	.111	1	.739
N of Valid Cases	417		

a. 3 cells (30.0%) have expected count less than 5. The minimum expected count is .34.

**Broken\_Needle \* Weekly\_Dedication**

**Crosstab**

% within Broken\_Needle

		Weekly_Dedication				
		<10 hours	11-20 hours	21-30 hours	31-40 hours	>40 hours
Broken_Needle	Never	4.0%	9.3%	21.0%	46.5%	19.3%
	Rarely	35.0%	15.0%	25.0%	10.0%	15.0%
Total		5.5%	9.5%	21.2%	44.8%	19.0%

**Crosstab**

% within Broken\_Needle

		Total
Broken_Needle	Never	100.0%
	Rarely	100.0%
Total		100.0%

### Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	40.081 <sup>a</sup>	4	<.001
Likelihood Ratio	24.991	4	<.001
Linear-by-Linear Association	21.290	1	<.001
N of Valid Cases	420		

a. 4 cells (40.0%) have expected count less than 5. The minimum expected count is 1.10.

### Lost\_Needle \* Hours\_of\_Training

#### Crosstab

% within Lost\_Needle

		Hours_of_Training				Total
		0-20 hours	20-60 hours	80-100 hours	>100 hours	
Lost_Needle	Never	19.2%	39.9%	17.7%	23.2%	100.0%
	Rarely	20.3%	45.3%	8.1%	26.4%	100.0%
	Sometimes	22.4%	25.4%	25.4%	26.9%	100.0%
	Often	42.9%		28.6%	28.6%	100.0%
Total		20.5%	38.8%	15.7%	25.0%	100.0%

### Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	20.613 <sup>a</sup>	9	.014
Likelihood Ratio	23.663	9	.005
Linear-by-Linear Association	.208	1	.648
N of Valid Cases	420		

a. 4 cells (25.0%) have expected count less than 5. The minimum expected count is 1.10.

### Lost\_Needle \* Professional\_Experience

#### Crosstab

% within Lost\_Needle

		Professional_Experience				Total
		<2 years	3-5 years	6-10 years	>10 years	
Lost_Needle	Never	37.4%	34.3%	23.2%	5.1%	100.0%
	Rarely	37.8%	31.8%	24.3%	6.1%	100.0%
	Sometimes	25.4%	31.3%	35.8%	7.5%	100.0%
	Often	42.9%	57.1%			100.0%
Total		35.7%	33.3%	25.2%	5.7%	100.0%

### Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	9.937 <sup>a</sup>	9	.356
Likelihood Ratio	11.748	9	.228
Linear-by-Linear Association	1.850	1	.174
N of Valid Cases	420		

a. 5 cells (31.3%) have expected count less than 5. The minimum expected count is .40.

### Lost\_Needle \* Percentage\_of\_DN\_use

#### Crosstab

% within Lost\_Needle

		Percentage_of_DN_use					Total
		0-19%	20-39%	40-59%	60-79%	80-100%	
Lost_Needle	Never	30.8%	36.4%	23.6%	9.2%		100.0%
	Rarely	29.7%	40.5%	16.9%	10.8%	2.0%	100.0%
	Sometimes	41.8%	13.4%	11.9%	26.9%	6.0%	100.0%
	Often		71.4%	28.6%			100.0%
Total		31.7%	34.8%	19.4%	12.5%	1.7%	100.0%

### Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	46.945 <sup>a</sup>	12	<.001
Likelihood Ratio	49.826	12	<.001
Linear-by-Linear Association	3.119	1	.077
N of Valid Cases	417		

a. 8 cells (40.0%) have expected count less than 5. The minimum expected count is .12.

### Lost\_Needle \* Weekly\_Dedication

#### Crosstab

% within Lost\_Needle

		Weekly_Dedication				
		<10 hours	11-20 hours	21-30 hours	31-40 hours	>40 hours
Lost_Needle	Never	6.1%	7.1%	20.2%	42.9%	23.7%
	Rarely	4.7%	10.8%	23.0%	47.3%	14.2%
	Sometimes	6.0%	9.0%	22.4%	44.8%	17.9%
	Often		57.1%		42.9%	
Total		5.5%	9.5%	21.2%	44.8%	19.0%

**Crosstab**

% within Lost\_Needle

		Total
Lost_Needle	Never	100.0%
	Rarely	100.0%
	Sometimes	100.0%
	Often	100.0%
Total		100.0%

**Chi-Square Tests**

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	26.593 <sup>a</sup>	12	.009
Likelihood Ratio	20.915	12	.052
Linear-by-Linear Association	3.042	1	.081
N of Valid Cases	420		

a. 6 cells (30.0%) have expected count less than 5. The minimum expected count is .38.

**Self\_Needling \* Hours\_of\_Training**

**Crosstab**

% within Self\_Needling

		Hours_of_Training				Total
		0-20 hours	20-60 hours	80-100 hours	>100 hours	
Self_Needling	Never	26.6%	35.6%	17.6%	20.3%	100.0%
	Rarely	11.5%	42.3%	14.8%	31.3%	100.0%
	Sometimes	37.5%	43.8%		18.8%	100.0%
Total		20.5%	38.8%	15.7%	25.0%	100.0%

**Chi-Square Tests**

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	22.901 <sup>a</sup>	6	<.001
Likelihood Ratio	25.882	6	<.001
Linear-by-Linear Association	3.385	1	.066
N of Valid Cases	420		

a. 3 cells (25.0%) have expected count less than 5. The minimum expected count is 2.51.

**Self\_Needling \* Professional\_Experience**

### Crosstab

% within Self\_Needling

		Professional_Experience				Total
		<2 years	3-5 years	6-10 years	>10 years	
Self_Needling	Never	40.1%	33.3%	22.5%	4.1%	100.0%
	Rarely	32.4%	30.2%	29.1%	8.2%	100.0%
	Sometimes	12.5%	68.8%	18.8%		100.0%
Total		35.7%	33.3%	25.2%	5.7%	100.0%

### Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	16.731 <sup>a</sup>	6	.010
Likelihood Ratio	16.896	6	.010
Linear-by-Linear Association	4.991	1	.025
N of Valid Cases	420		

a. 2 cells (16.7%) have expected count less than 5. The minimum expected count is .91.

Self\_Needling \* Percentage\_of\_DN\_use

### Crosstab

% within Self\_Needling

		Percentage_of_DN_use					Total
		0-19%	20-39%	40-59%	60-79%	80-100%	
Self_Needling	Never	32.4%	44.3%	18.3%	4.1%	0.9%	100.0%
	Rarely	30.8%	21.4%	21.4%	23.6%	2.7%	100.0%
	Sometimes	31.3%	56.3%	12.5%			100.0%
Total		31.7%	34.8%	19.4%	12.5%	1.7%	100.0%

### Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	52.866 <sup>a</sup>	8	<.001
Likelihood Ratio	56.371	8	<.001
Linear-by-Linear Association	10.393	1	.001
N of Valid Cases	417		

a. 5 cells (33.3%) have expected count less than 5. The minimum expected count is .27.

Self\_Needling \* Weekly\_Dedication

**Crosstab**

% within Self\_Needling

		Weekly_Dedication				
		<10 hours	11-20 hours	21-30 hours	31-40 hours	>40 hours
Self_Needling	Never	5.4%	9.0%	18.5%	43.7%	23.4%
	Rarely	6.0%	8.2%	24.7%	47.3%	13.7%
	Sometimes		31.3%	18.8%	31.3%	18.8%
Total		5.5%	9.5%	21.2%	44.8%	19.0%

**Crosstab**

% within Self\_Needling

		Total
Self_Needling	Never	100.0%
	Rarely	100.0%
	Sometimes	100.0%
Total		100.0%

**Chi-Square Tests**

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	17.075 <sup>a</sup>	8	.029
Likelihood Ratio	15.159	8	.056
Linear-by-Linear Association	3.248	1	.071
N of Valid Cases	420		

a. 4 cells (26.7%) have expected count less than 5. The minimum expected count is .88.

**Pneumothorax \* Hours\_of\_Training**

**Crosstab**

% within Pneumothorax

		Hours_of_Training				Total
		0-20 hours	20-60 hours	80-100 hours	>100 hours	
Pneumothorax	Never	21.1%	40.0%	13.4%	25.5%	100.0%
	Rarely	18.8%	15.6%	40.6%	25.0%	100.0%
	Sometimes			100.0%		100.0%
Total		20.8%	37.9%	15.9%	25.4%	100.0%

### Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	29.000 <sup>a</sup>	6	<.001
Likelihood Ratio	23.384	6	<.001
Linear-by-Linear Association	2.537	1	.111
N of Valid Cases	414		

a. 4 cells (33.3%) have expected count less than 5. The minimum expected count is .32.

### Pneumothorax \* Professional\_Experience

#### Crosstab

% within Pneumothorax

		Professional_Experience				Total
		<2 years	3-5 years	6-10 years	>10 years	
Pneumothorax	Never	34.2%	33.7%	26.3%	5.8%	100.0%
	Rarely	46.9%	28.1%	18.8%	6.3%	100.0%
	Sometimes	100.0%				100.0%
Total		35.5%	33.1%	25.6%	5.8%	100.0%

### Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	5.930 <sup>a</sup>	6	.431
Likelihood Ratio	6.406	6	.379
Linear-by-Linear Association	2.964	1	.085
N of Valid Cases	414		

a. 5 cells (41.7%) have expected count less than 5. The minimum expected count is .12.

### Pneumothorax \* Percentage\_of\_DN\_use

#### Crosstab

% within Pneumothorax

		Percentage_of_DN_use					Total
		0-19%	20-39%	40-59%	60-79%	80-100%	
Pneumothorax	Never	31.0%	36.3%	18.0%	12.7%	1.9%	100.0%
	Rarely	21.9%	25.0%	40.6%	12.5%		100.0%
	Sometimes	100.0%					100.0%
Total		30.7%	35.3%	19.7%	12.7%	1.7%	100.0%

### Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	14.663 <sup>a</sup>	8	.066
Likelihood Ratio	13.942	8	.083
Linear-by-Linear Association	.216	1	.642
N of Valid Cases	411		

a. 7 cells (46.7%) have expected count less than 5. The minimum expected count is .03.

### Pneumothorax \* Weekly\_Dedication

#### Crosstab

% within Pneumothorax

		Weekly_Dedication				
		<10 hours	11-20 hours	21-30 hours	31-40 hours	>40 hours
Pneumothorax	Never	5.0%	8.7%	21.8%	45.0%	19.5%
	Rarely	12.5%	21.9%	12.5%	34.4%	18.8%
	Sometimes			100.0%		
Total		5.6%	9.7%	21.5%	44.0%	19.3%

#### Crosstab

% within Pneumothorax

		Total
Pneumothorax	Never	100.0%
	Rarely	100.0%
	Sometimes	100.0%
Total		100.0%

### Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	17.606 <sup>a</sup>	8	.024
Likelihood Ratio	14.691	8	.065
Linear-by-Linear Association	4.789	1	.029
N of Valid Cases	414		

a. 7 cells (46.7%) have expected count less than 5. The minimum expected count is .11.

### Hematoma \* Hours\_of\_Training

### Crosstab

% within Hematoma

		Hours_of_Training				Total
		0-20 hours	20-60 hours	80-100 hours	>100 hours	
Hematoma	Never	32.3%	43.5%		24.2%	100.0%
	Rarely	12.7%	43.9%	15.9%	27.5%	100.0%
	Sometimes	24.7%	31.6%	21.5%	22.2%	100.0%
	Often	23.1%	23.1%	30.8%	23.1%	100.0%
Total		20.4%	38.6%	16.1%	24.9%	100.0%

### Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	31.435 <sup>a</sup>	9	<.001
Likelihood Ratio	41.089	9	<.001
Linear-by-Linear Association	.665	1	.415
N of Valid Cases	422		

a. 3 cells (18.8%) have expected count less than 5. The minimum expected count is 2.09.

### Hematoma \* Professional\_Experience

#### Crosstab

% within Hematoma

		Professional_Experience				Total
		<2 years	3-5 years	6-10 years	>10 years	
Hematoma	Never	41.9%	29.0%	21.0%	8.1%	100.0%
	Rarely	33.3%	32.3%	28.0%	6.3%	100.0%
	Sometimes	35.4%	34.8%	25.3%	4.4%	100.0%
	Often	53.8%	46.2%			100.0%
Total		36.0%	33.2%	25.1%	5.7%	100.0%

### Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	9.573 <sup>a</sup>	9	.386
Likelihood Ratio	13.306	9	.149
Linear-by-Linear Association	.926	1	.336
N of Valid Cases	422		

a. 5 cells (31.3%) have expected count less than 5. The minimum expected count is .74.

### Hematoma \* Percentage\_of\_DN\_use

**Crosstab**

% within Hematoma

		Percentage_of_DN_use					Total
		0-19%	20-39%	40-59%	60-79%	80-100%	
Hematoma	Never	30.6%	46.8%	8.1%	14.5%		100.0%
	Rarely	30.1%	33.3%	19.4%	16.1%	1.1%	100.0%
	Sometimes	36.1%	32.3%	21.5%	7.0%	3.2%	100.0%
	Often		23.1%	46.2%	30.8%		100.0%
Total		31.5%	34.6%	19.3%	12.9%	1.7%	100.0%

**Chi-Square Tests**

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	30.993 <sup>a</sup>	12	.002
Likelihood Ratio	35.334	12	<.001
Linear-by-Linear Association	.865	1	.352
N of Valid Cases	419		

a. 8 cells (40.0%) have expected count less than 5. The minimum expected count is .22.

**Hematoma \* Weekly\_Dedication**

**Crosstab**

% within Hematoma

		Weekly_Dedication				
		<10 hours	11-20 hours	21-30 hours	31-40 hours	>40 hours
Hematoma	Never	9.7%	6.5%	21.0%	40.3%	22.6%
	Rarely	2.6%	6.9%	20.1%	51.3%	19.0%
	Sometimes	6.3%	14.6%	20.3%	39.9%	19.0%
	Often	30.8%		46.2%	23.1%	
Total		5.9%	9.5%	21.1%	44.5%	19.0%

**Crosstab**

% within Hematoma

		Total
Hematoma	Never	100.0%
	Rarely	100.0%
	Sometimes	100.0%
	Often	100.0%
Total		100.0%

### Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	37.194 <sup>a</sup>	12	<.001
Likelihood Ratio	33.559	12	<.001
Linear-by-Linear Association	6.274	1	.012
N of Valid Cases	422		

a. 5 cells (25.0%) have expected count less than 5. The minimum expected count is .77.

### Excessive\_Bleeding \* Hours\_of\_Training

#### Crosstab

% within Excessive\_Bleeding

		Hours_of_Training			
		0-20 hours	20-60 hours	80-100 hours	>100 hours
Excessive_Bleeding	Never	24.5%	43.6%	8.3%	23.7%
	Rarely	15.9%	32.4%	25.9%	25.9%
	Sometimes		42.9%		57.1%
Total		20.6%	39.0%	15.3%	25.1%

#### Crosstab

% within Excessive\_Bleeding

		Total
Excessive_Bleeding	Never	100.0%
	Rarely	100.0%
	Sometimes	100.0%
Total		100.0%

### Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	32.614 <sup>a</sup>	6	<.001
Likelihood Ratio	33.897	6	<.001
Linear-by-Linear Association	10.738	1	.001
N of Valid Cases	418		

a. 4 cells (33.3%) have expected count less than 5. The minimum expected count is 1.07.

### Excessive\_Bleeding \* Professional\_Experience

**Crosstab**

% within Excessive\_Bleeding

		Professional_Experience				Total
		<2 years	3-5 years	6-10 years	>10 years	
Excessive_Bleeding	Never	39.8%	31.1%	22.4%	6.6%	100.0%
	Rarely	30.0%	37.1%	29.4%	3.5%	100.0%
	Sometimes	42.9%	28.6%		28.6%	100.0%
Total		35.9%	33.5%	24.9%	5.7%	100.0%

**Chi-Square Tests**

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	15.763 <sup>a</sup>	6	.015
Likelihood Ratio	14.578	6	.024
Linear-by-Linear Association	1.496	1	.221
N of Valid Cases	418		

a. 4 cells (33.3%) have expected count less than 5. The minimum expected count is .40.

**Excessive\_Bleeding \* Percentage\_of\_DN\_use**

**Crosstab**

% within Excessive\_Bleeding

		Percentage_of_DN_use				
		0-19%	20-39%	40-59%	60-79%	80-100%
Excessive_Bleeding	Never	36.5%	35.3%	17.4%	10.0%	0.8%
	Rarely	25.1%	34.1%	21.0%	16.8%	3.0%
	Sometimes		42.9%	57.1%		
Total		31.3%	34.9%	19.5%	12.5%	1.7%

**Crosstab**

% within Excessive\_Bleeding

		Total
Excessive_Bleeding	Never	100.0%
	Rarely	100.0%
	Sometimes	100.0%
Total		100.0%

### Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	19.656 <sup>a</sup>	8	.012
Likelihood Ratio	20.934	8	.007
Linear-by-Linear Association	11.504	1	<.001
N of Valid Cases	415		

a. 7 cells (46.7%) have expected count less than 5. The minimum expected count is .12.

### Excessive\_Bleeding \* Weekly\_Dedication

#### Crosstab

% within Excessive\_Bleeding

		Weekly_Dedication			
		<10 hours	11-20 hours	21-30 hours	31-40 hours
Excessive_Bleeding	Never	5.8%	9.5%	24.5%	46.1%
	Rarely	5.3%	8.8%	14.7%	44.1%
	Sometimes		28.6%	42.9%	28.6%
Total		5.5%	9.6%	20.8%	45.0%

#### Crosstab

% within Excessive\_Bleeding

		Weekly_Dedi...	
		>40 hours	Total
Excessive_Bleeding	Never	14.1%	100.0%
	Rarely	27.1%	100.0%
	Sometimes		100.0%
Total		19.1%	100.0%

### Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	20.027 <sup>a</sup>	8	.010
Likelihood Ratio	20.453	8	.009
Linear-by-Linear Association	2.611	1	.106
N of Valid Cases	418		

a. 5 cells (33.3%) have expected count less than 5. The minimum expected count is .39.

### Accidental\_Nerve\_Puncture \* Hours\_of\_Training

**Crosstab**

% within Accidental\_Nerve\_Puncture

		Hours_of_Training			
		0-20 hours	20-60 hours	80-100 hours	>100 hours
Accidental_Nerve_Puncture	Never	22.4%	45.9%	9.2%	22.4%
	Rarely	16.1%	36.0%	20.5%	27.3%
	Sometimes	26.7%	25.0%	25.0%	23.3%
<b>Total</b>		<b>20.6%</b>	<b>39.1%</b>	<b>15.8%</b>	<b>24.5%</b>

**Crosstab**

% within Accidental\_Nerve\_Puncture

		Total
Accidental_Nerve_Puncture	Never	100.0%
	Rarely	100.0%
	Sometimes	100.0%
<b>Total</b>		<b>100.0%</b>

**Chi-Square Tests**

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	20.485 <sup>a</sup>	6	.002
Likelihood Ratio	21.147	6	.002
Linear-by-Linear Association	2.568	1	.109
<b>N of Valid Cases</b>	<b>417</b>		

a. 0 cells (0.0%) have expected count less than 5. The minimum expected count is 9.50.

**Accidental\_Nerve\_Puncture \* Professional\_Experience**

**Crosstab**

% within Accidental\_Nerve\_Puncture

		Professional_Experience			
		<2 years	3-5 years	6-10 years	>10 years
Accidental_Nerve_Puncture	Never	29.1%	36.7%	29.6%	4.6%
	Rarely	46.0%	27.3%	19.3%	7.5%
	Sometimes	31.7%	40.0%	23.3%	5.0%
<b>Total</b>		<b>36.0%</b>	<b>33.6%</b>	<b>24.7%</b>	<b>5.8%</b>

**Crosstab**

% within Accidental\_Nerve\_Puncture

		Total
Accidental_Nerve_Puncture	Never	100.0%
	Rarely	100.0%
	Sometimes	100.0%
Total		100.0%

**Chi-Square Tests**

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	15.759 <sup>a</sup>	6	.015
Likelihood Ratio	15.673	6	.016
Linear-by-Linear Association	1.759	1	.185
N of Valid Cases	417		

a. 1 cells (8.3%) have expected count less than 5. The minimum expected count is 3.45.

**Accidental\_Nerve\_Puncture \* Percentage\_of\_DN\_use**

**Crosstab**

% within Accidental\_Nerve\_Puncture

		Percentage_of_DN_use				
		0-19%	20-39%	40-59%	60-79%	80-100%
Accidental_Nerve_Puncture	Never	36.3%	37.8%	14.0%	11.9%	
	Rarely	30.4%	29.8%	21.7%	13.7%	4.3%
	Sometimes	21.7%	35.0%	31.7%	11.7%	
Total		31.9%	34.3%	19.6%	12.6%	1.7%

**Crosstab**

% within Accidental\_Nerve\_Puncture

		Total
Accidental_Nerve_Puncture	Never	100.0%
	Rarely	100.0%
	Sometimes	100.0%
Total		100.0%

### Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	24.091 <sup>a</sup>	8	.002
Likelihood Ratio	26.149	8	<.001
Linear-by-Linear Association	6.936	1	.008
N of Valid Cases	414		

a. 3 cells (20.0%) have expected count less than 5. The minimum expected count is 1.01.

### Accidental\_Nerve\_Puncture \* Weekly\_Dedication

#### Crosstab

% within Accidental\_Nerve\_Puncture

		Weekly_Dedication			
		<10 hours	11-20 hours	21-30 hours	31-40 hours
Accidental_Nerve_Puncture	Never	7.1%	5.1%	20.9%	43.9%
	Rarely	3.1%	13.0%	24.8%	43.5%
	Sometimes	6.7%	15.0%	13.3%	48.3%
Total		5.5%	9.6%	21.3%	44.4%

#### Crosstab

% within Accidental\_Nerve\_Puncture

		Weekly_Dedi...	
		>40 hours	Total
Accidental_Nerve_Puncture	Never	23.0%	100.0%
	Rarely	15.5%	100.0%
	Sometimes	16.7%	100.0%
Total		19.2%	100.0%

### Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	16.502 <sup>a</sup>	8	.036
Likelihood Ratio	17.343	8	.027
Linear-by-Linear Association	1.914	1	.167
N of Valid Cases	417		

a. 1 cells (6.7%) have expected count less than 5. The minimum expected count is 3.31.

### Accidental\_Visceral\_Puncture \* Hours\_of\_Training

**Crosstab**

% within Accidental\_Visceral\_Puncture

		Hours_of_Training			
		0-20 hours	20-60 hours	80-100 hours	>100 hours
Accidental_Visceral_Puncture	Never	20.7%	40.6%	13.7%	25.1%
	Rarely	18.2%	18.2%	39.4%	24.2%
Total		20.5%	38.8%	15.7%	25.0%

**Crosstab**

% within Accidental\_Visceral\_Puncture

		Total
Accidental_Visceral_Puncture	Never	100.0%
	Rarely	100.0%
Total		100.0%

**Chi-Square Tests**

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	16.806 <sup>a</sup>	3	<.001
Likelihood Ratio	14.240	3	.003
Linear-by-Linear Association	1.847	1	.174
N of Valid Cases	420		

a. 0 cells (0.0%) have expected count less than 5. The minimum expected count is 5.19.

**Accidental\_Visceral\_Puncture \* Professional\_Experience**

**Crosstab**

% within Accidental\_Visceral\_Puncture

		Professional_Experience				Total
		<2 years	3-5 years	6-10 years	>10 years	
Accidental_Visceral_Puncture	Never	33.9%	34.6%	25.3%	6.2%	100.0%
	Rarely	57.6%	18.2%	24.2%		100.0%
Total		35.7%	33.3%	25.2%	5.7%	100.0%

### Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	9.320 <sup>a</sup>	3	.025
Likelihood Ratio	10.961	3	.012
Linear-by-Linear Association	5.012	1	.025
N of Valid Cases	420		

a. 1 cells (12.5%) have expected count less than 5. The minimum expected count is 1.89.

### Accidental\_Visceral\_Puncture \* Percentage\_of\_DN\_use

#### Crosstab

% within Accidental\_Visceral\_Puncture

		Percentage_of_DN_use				
		0-19%	20-39%	40-59%	60-79%	80-100%
Accidental_Visceral_Puncture	Never	31.3%	36.7%	18.8%	11.5%	1.8%
	Rarely	36.4%	12.1%	27.3%	24.2%	
Total		31.7%	34.8%	19.4%	12.5%	1.7%

#### Crosstab

% within Accidental\_Visceral\_Puncture

		Total
Accidental_Visceral_Puncture	Never	100.0%
	Rarely	100.0%
Total		100.0%

### Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	11.259 <sup>a</sup>	4	.024
Likelihood Ratio	12.534	4	.014
Linear-by-Linear Association	1.484	1	.223
N of Valid Cases	417		

a. 2 cells (20.0%) have expected count less than 5. The minimum expected count is .55.

### Accidental\_Visceral\_Puncture \* Weekly\_Dedication

**Crosstab**

% within Accidental\_Visceral\_Puncture

		Weekly_Dedication			
		<10 hours	11-20 hours	21-30 hours	31-40 hours
Accidental_Visceral_Puncture	Never	4.4%	8.5%	22.0%	45.7%
	Rarely	18.2%	21.2%	12.1%	33.3%
Total		5.5%	9.5%	21.2%	44.8%

**Crosstab**

% within Accidental\_Visceral\_Puncture

		Weekly_Dedi...	
		>40 hours	Total
Accidental_Visceral_Puncture	Never	19.4%	100.0%
	Rarely	15.2%	100.0%
Total		19.0%	100.0%

**Chi-Square Tests**

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	18.416 <sup>a</sup>	4	.001
Likelihood Ratio	13.889	4	.008
Linear-by-Linear Association	9.988	1	.002
N of Valid Cases	420		

a. 2 cells (20.0%) have expected count less than 5. The minimum expected count is 1.81.

**Infection \* Hours\_of\_Training**

**Crosstab**

% within Infection

		Hours_of_Training				Total
		0-20 hours	20-60 hours	80-100 hours	>100 hours	
Infection	Never	19.7%	39.6%	15.2%	25.5%	100.0%
	Rarely	30.0%	20.0%	30.0%	20.0%	100.0%
Total		20.2%	38.7%	15.9%	25.2%	100.0%

### Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	5.774 <sup>a</sup>	3	.123
Likelihood Ratio	5.532	3	.137
Linear-by-Linear Association	.069	1	.793
N of Valid Cases	416		

a. 2 cells (25.0%) have expected count less than 5. The minimum expected count is 3.17.

### Infection \* Professional\_Experience

#### Crosstab

% within Infection

		Professional_Experience				Total
		<2 years	3-5 years	6-10 years	>10 years	
Infection	Never	34.1%	34.1%	25.8%	6.1%	100.0%
	Rarely	55.0%	25.0%	20.0%		100.0%
Total		35.1%	33.7%	25.5%	5.8%	100.0%

### Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	4.299 <sup>a</sup>	3	.231
Likelihood Ratio	5.180	3	.159
Linear-by-Linear Association	3.417	1	.065
N of Valid Cases	416		

a. 1 cells (12.5%) have expected count less than 5. The minimum expected count is 1.15.

### Infection \* Percentage\_of\_DN\_use

#### Crosstab

% within Infection

		Percentage_of_DN_use					Total
		0-19%	20-39%	40-59%	60-79%	80-100%	
Infection	Never	31.8%	35.6%	19.6%	11.7%	1.3%	100.0%
	Rarely	35.0%	15.0%	10.0%	30.0%	10.0%	100.0%
Total		32.0%	34.6%	19.1%	12.6%	1.7%	100.0%

### Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	16.927 <sup>a</sup>	4	.002
Likelihood Ratio	12.040	4	.017
Linear-by-Linear Association	4.174	1	.041
N of Valid Cases	413		

a. 3 cells (30.0%) have expected count less than 5. The minimum expected count is .34.

### Infection \* Weekly\_Dedication

#### Crosstab

% within Infection

		Weekly_Dedication				
		<10 hours	11-20 hours	21-30 hours	31-40 hours	>40 hours
Infection	Never	4.3%	7.3%	21.5%	47.5%	19.4%
	Rarely	20.0%	45.0%	20.0%		15.0%
Total		5.0%	9.1%	21.4%	45.2%	19.2%

#### Crosstab

% within Infection

		Total
Infection	Never	100.0%
	Rarely	100.0%
Total		100.0%

### Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	48.600 <sup>a</sup>	4	<.001
Likelihood Ratio	40.144	4	<.001
Linear-by-Linear Association	27.190	1	<.001
N of Valid Cases	416		

a. 4 cells (40.0%) have expected count less than 5. The minimum expected count is 1.01.

### Fainting \* Hours\_of\_Training

**Crosstab**

% within Fainting

		Hours_of_Training				Total
		0-20 hours	20-60 hours	80-100 hours	>100 hours	
Fainting	Never	23.2%	35.0%	15.3%	26.6%	100.0%
	Rarely	18.5%	42.9%	16.4%	22.2%	100.0%
	Sometimes	14.3%	39.3%	14.3%	32.1%	100.0%
Total		20.5%	38.8%	15.7%	25.0%	100.0%

**Chi-Square Tests**

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	4.638 <sup>a</sup>	6	.591
Likelihood Ratio	4.655	6	.589
Linear-by-Linear Association	.146	1	.703
N of Valid Cases	420		

a. 1 cells (8.3%) have expected count less than 5. The minimum expected count is 4.40.

**Fainting \* Professional\_Experience**

**Crosstab**

% within Fainting

		Professional_Experience				Total
		<2 years	3-5 years	6-10 years	>10 years	
Fainting	Never	37.9%	37.9%	22.2%	2.0%	100.0%
	Rarely	31.2%	30.7%	27.5%	10.6%	100.0%
	Sometimes	50.0%	17.9%	32.1%		100.0%
Total		35.7%	33.3%	25.2%	5.7%	100.0%

**Chi-Square Tests**

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	22.737 <sup>a</sup>	6	<.001
Likelihood Ratio	24.662	6	<.001
Linear-by-Linear Association	3.216	1	.073
N of Valid Cases	420		

a. 1 cells (8.3%) have expected count less than 5. The minimum expected count is 1.60.

**Fainting \* Percentage\_of\_DN\_use**

**Crosstab**

% within Fainting

		Percentage_of_DN_use					
		0-19%	20-39%	40-59%	60-79%	80-100%	Total
Fainting	Never	36.5%	35.0%	14.5%	14.0%		100.0%
	Rarely	27.5%	34.4%	26.5%	7.9%	3.7%	100.0%
	Sometimes	25.0%	35.7%	7.1%	32.1%		100.0%
Total		31.7%	34.8%	19.4%	12.5%	1.7%	100.0%

**Chi-Square Tests**

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	33.023 <sup>a</sup>	8	<.001
Likelihood Ratio	33.904	8	<.001
Linear-by-Linear Association	5.590	1	.018
N of Valid Cases	417		

a. 4 cells (26.7%) have expected count less than 5. The minimum expected count is .47.

**Fainting \* Weekly\_Dedication**

**Crosstab**

% within Fainting

		Weekly_Dedication				
		<10 hours	11-20 hours	21-30 hours	31-40 hours	>40 hours
Fainting	Never	5.4%	8.4%	22.2%	43.8%	20.2%
	Rarely	2.6%	10.1%	20.6%	47.6%	19.0%
	Sometimes	25.0%	14.3%	17.9%	32.1%	10.7%
Total		5.5%	9.5%	21.2%	44.8%	19.0%

**Crosstab**

% within Fainting

		Total
Fainting	Never	100.0%
	Rarely	100.0%
	Sometimes	100.0%
Total		100.0%

### Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	26.067 <sup>a</sup>	8	.001
Likelihood Ratio	17.784	8	.023
Linear-by-Linear Association	3.712	1	.054
N of Valid Cases	420		

a. 2 cells (13.3%) have expected count less than 5. The minimum expected count is 1.53.

### Allergy \* Hours\_of\_Training

#### Crosstab

% within Allergy

		Hours_of_Training				Total
		0-20 hours	20-60 hours	80-100 hours	>100 hours	
Allergy	Never	18.2%	39.2%	16.8%	25.8%	100.0%
	Rarely	36.8%	35.1%	10.5%	17.5%	100.0%
Total		20.8%	38.6%	15.9%	24.6%	100.0%

### Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	11.000 <sup>a</sup>	3	.012
Likelihood Ratio	9.986	3	.019
Linear-by-Linear Association	7.264	1	.007
N of Valid Cases	414		

a. 0 cells (0.0%) have expected count less than 5. The minimum expected count is 9.09.

### Allergy \* Professional\_Experience

#### Crosstab

% within Allergy

		Professional_Experience				Total
		<2 years	3-5 years	6-10 years	>10 years	
Allergy	Never	33.1%	36.1%	26.1%	4.8%	100.0%
	Rarely	56.1%	19.3%	17.5%	7.0%	100.0%
Total		36.2%	33.8%	24.9%	5.1%	100.0%

### Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	13.274 <sup>a</sup>	3	.004
Likelihood Ratio	13.140	3	.004
Linear-by-Linear Association	4.419	1	.036
N of Valid Cases	414		

a. 1 cells (12.5%) have expected count less than 5. The minimum expected count is 2.89.

### Allergy \* Percentage\_of\_DN\_use

#### Crosstab

% within Allergy

		Percentage_of_DN_use					Total
		0-19%	20-39%	40-59%	60-79%	80-100%	
Allergy	Never	33.9%	32.8%	19.8%	11.6%	2.0%	100.0%
	Rarely	21.1%	45.6%	19.3%	14.0%		100.0%
Total		32.1%	34.5%	19.7%	11.9%	1.7%	100.0%

### Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	6.248 <sup>a</sup>	4	.181
Likelihood Ratio	7.317	4	.120
Linear-by-Linear Association	.562	1	.453
N of Valid Cases	411		

a. 1 cells (10.0%) have expected count less than 5. The minimum expected count is .97.

### Allergy \* Weekly\_Dedication

#### Crosstab

% within Allergy

		Weekly_Dedication					Total
		<10 hours	11-20 hours	21-30 hours	31-40 hours	>40 hours	
Allergy	Never	4.8%	7.3%	21.0%	45.4%	21.6%	100.0%
	Rarely	10.5%	24.6%	24.6%	35.1%	5.3%	100.0%
Total		5.6%	9.7%	21.5%	44.0%	19.3%	100.0%

### Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	26.363 <sup>a</sup>	4	<.001
Likelihood Ratio	24.513	4	<.001
Linear-by-Linear Association	21.943	1	<.001
N of Valid Cases	414		

a. 1 cells (10.0%) have expected count less than 5. The minimum expected count is 3.17.

### Myoedema \* Hours\_of\_Training

#### Crosstab

% within Myoedema

		Hours_of_Training				Total
		0-20 hours	20-60 hours	80-100 hours	>100 hours	
Myoedema	Never	23.3%	37.8%	12.2%	26.7%	100.0%
	Rarely	16.0%	38.8%	14.4%	30.9%	100.0%
	Sometimes	23.6%	39.0%	21.1%	16.3%	100.0%
	Often	35.3%	35.3%	11.8%	17.6%	100.0%
Total		20.6%	38.5%	15.8%	25.1%	100.0%

### Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	14.818 <sup>a</sup>	9	.096
Likelihood Ratio	14.925	9	.093
Linear-by-Linear Association	2.395	1	.122
N of Valid Cases	418		

a. 3 cells (18.8%) have expected count less than 5. The minimum expected count is 2.68.

### Myoedema \* Professional\_Experience

#### Crosstab

% within Myoedema

		Professional_Experience				Total
		<2 years	3-5 years	6-10 years	>10 years	
Myoedema	Never	62.2%	20.0%	8.9%	8.9%	100.0%
	Rarely	30.3%	38.3%	26.6%	4.8%	100.0%
	Sometimes	25.2%	35.8%	33.3%	5.7%	100.0%
	Often	35.3%	35.3%	29.4%		100.0%
Total		35.9%	33.5%	24.9%	5.7%	100.0%

### Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	45.301 <sup>a</sup>	9	<.001
Likelihood Ratio	46.941	9	<.001
Linear-by-Linear Association	12.703	1	<.001
N of Valid Cases	418		

a. 2 cells (12.5%) have expected count less than 5. The minimum expected count is .98.

### Myoedema \* Percentage\_of\_DN\_use

#### Crosstab

% within Myoedema

		Percentage_of_DN_use					Total
		0-19%	20-39%	40-59%	60-79%	80-100%	
Myoedema	Never	31.1%	51.1%	12.2%	5.6%		100.0%
	Rarely	33.5%	29.7%	20.0%	15.7%	1.1%	100.0%
	Sometimes	34.1%	26.8%	22.8%	12.2%	4.1%	100.0%
	Often		52.9%	29.4%	17.6%		100.0%
Total		31.8%	34.5%	19.5%	12.5%	1.7%	100.0%

### Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	33.654 <sup>a</sup>	12	<.001
Likelihood Ratio	39.792	12	<.001
Linear-by-Linear Association	7.515	1	.006
N of Valid Cases	415		

a. 6 cells (30.0%) have expected count less than 5. The minimum expected count is .29.

### Myoedema \* Weekly\_Dedication

#### Crosstab

% within Myoedema

		Weekly_Dedication				
		<10 hours	11-20 hours	21-30 hours	31-40 hours	>40 hours
Myoedema	Never	8.9%	5.6%	21.1%	43.3%	21.1%
	Rarely	3.2%	9.0%	25.5%	36.2%	26.1%
	Sometimes	7.3%	12.2%	13.0%	57.7%	9.8%
	Often		17.6%	35.3%	47.1%	
Total		5.5%	9.6%	21.3%	44.5%	19.1%

### Crosstab

% within Myoedema

		Total
Myoedema	Never	100.0%
	Rarely	100.0%
	Sometimes	100.0%
	Often	100.0%
Total		100.0%

### Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	37.728 <sup>a</sup>	12	<.001
Likelihood Ratio	42.680	12	<.001
Linear-by-Linear Association	2.136	1	.144
N of Valid Cases	418		

a. 5 cells (25.0%) have expected count less than 5. The minimum expected count is .94.