

	Name	Type	Width	Decimals	Label	Values	Missing	Columns	Align	Measure	Role
1	Age	Numeric	12	0	Age	{1, 20-40}...	None	12	Right	Nominal	Input
2	OB	Numeric	12	0	obese patient	{1, yes}...	None	12	Right	Nominal	Input
3	HT	Numeric	12	0	Hyper tension p...	{1, yes}...	None	12	Right	Nominal	Input
4	DM	Numeric	12	0	Diabetic patient	{1, yes}...	None	12	Right	Nominal	Input
5	CHD	Numeric	12	0	Coronary heart ...	{1, yes}...	None	12	Right	Nominal	Input
6	Cancer	Numeric	12	0	cancer patient	{1, yes}...	None	12	Right	Nominal	Input
7	NoPH	Numeric	12	0	No personal his...	{1, yes}...	None	12	Right	Nominal	Input
8	Duration	Numeric	12	0	Duration of ICU ...	{1, 1- 6}...	None	12	Right	Nominal	Input
9	Sex	Numeric	1	0	Sex	{1, M}...	None	8	Right	Nominal	Input
10	Smoking	Numeric	1	0	being a smoker	{1, Yes}...	None	12	Right	Nominal	Input
11	CRP	Numeric	1	0	CRP Findings o...	{1, Moderate}...	None	8	Right	Nominal	Input
12	Leuko	Numeric	1	0	Leuokocyte Fin...	{1, Moderate}...	None	10	Right	Nominal	Input
13	SpO2	Numeric	1	0	SpO2 Findings ...	{1, <90}...	None	9	Right	Nominal	Input
14	Fever	Numeric	1	0	Fever Findings ...	{1, High}...	None	10	Right	Nominal	Input
15	Bacteria	Numeric	1	0	Type of infectin...	{1, A.fumigatus}...	None	13	Right	Nominal	Input
16	AbxBefore	Numeric	1	0	Antibiotic admi...	{1, Amp/Sul}...	None	11	Right	Nominal	Input
17	AbxDuring	Numeric	1	0	Antibiotic admi...	{1, Fluconazole}...	None	11	Right	Nominal	Input
18	Iron	Numeric	1	0	Administration ...	{1, Yes}...	None	9	Right	Nominal	Input
19	rebacteria	Numeric	8	0	recoding of bac...	{1, Fungi}...	None	12	Right	Nominal	Input
20	countflu	Numeric	8	0	take Fluconazo...	{0, none}...	None	10	Right	Nominal	Input

```
GET
  FILE='C:\Users\User\Downloads\SheetFinal (2).sav'.
DATASET NAME DataSet1 WINDOW=FRONT.
FREQUENCIES VARIABLES=Age OB HT DM CHD Cancer NoPH Duration Sex Smoking CRP Leuko SpO2 Fever Bacteria AbxBefore AbxDuring Iron rebacteria
/ORDER=ANALYSIS.
```

Frequencies

Notes		
Output Created		05-NOV-2021 11:29:01
Comments		
Input	Data	C:\Users\User\Downloads\SheetF
	Active Dataset	DataSet1
	Filter	<none>
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	Split File	<none>
	N of Rows in Working Data File	321
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data.
Syntax	FREQUENCIES	
	VARIABLES=Age OB HT DM CHD Cancer NoPH Duration Sex Smoking CRP Leuko SpO2 Fever Bacteria AbxBefore AbxDuring Iron rebacteria /ORDER=ANALYSIS.	
Resources	Processor Time	00:00:00.02
	Elapsed Time	00:00:00.01

Statistics																			
	Age	obese patient	Hyper tension patient	Diabetic patient	Coronary heart disease patient	cancer patient	No personal history of disease	Duration of ICU Stay (days)	Sex	being a smoker	CRP Findings on Day of ICU Admission	Leuokocyte Findings on Day of ICU Admission	SpO2 Findings on Day of ICU Admission	Fever Findings on Day of ICU Admission	Type of infecting organism	Antibiotic administered before ICU admission	Antibiotic administered during ICU admission	Administration of Iron supplement during residency	recoding of bacteria
N	Valid	321	321	321	321	321	321	321	321	321	321	321	321	321	321	321	321	321	321
	Missing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Frequency Table

Age				
	Frequency	Percent	Valid Percent	Cumulative Percent
Valid	20-40	54	16.8	16.8
	41-64	157	48.9	65.7
	65 and more	110	34.3	100.0
	Total	321	100.0	100.0

obese patient				
	Frequency	Percent	Valid Percent	Cumulative Percent
Valid	yes	118	36.8	36.8
	no	203	63.2	63.2
	Total	321	100.0	100.0

Hyper tension patient

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	yes	213	66.4	66.4	66.4
	no	108	33.6	33.6	100.0
	Total	321	100.0	100.0	

Diabetic patient

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	yes	250	77.9	77.9	77.9
	no	71	22.1	22.1	100.0
	Total	321	100.0	100.0	

Coronary heart disease patient

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	yes	74	23.1	23.1	23.1
	no	247	76.9	76.9	100.0
	Total	321	100.0	100.0	

cancer patient

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	yes	66	20.6	20.6	20.6
	no	255	79.4	79.4	100.0
	Total	321	100.0	100.0	

No personal history of disease

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	yes	12	3.7	3.7	3.7

	no	309	96.3	96.3	100.0
	Total	321	100.0	100.0	

Duration of ICU Stay (days)				
	Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1- 6	234	72.9	72.9
	7- 11	61	19.0	91.9
	Death	26	8.1	100.0
	Total	321	100.0	100.0

Sex					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	M	162	50.5	50.5	50.5
	F	159	49.5	49.5	100.0
	Total	321	100.0	100.0	

being a smoker				
	Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Yes	133	41.4	41.4
	No	188	58.6	100.0
	Total	321	100.0	100.0

CRP Findings on Day of ICU Admission					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Moderate	175	54.5	54.5	54.5
	High	146	45.5	45.5	100.0
	Total	321	100.0	100.0	

Leuokocyte Findings on Day of ICU Admission

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Moderate	79	24.6	24.6	24.6
	High	242	75.4	75.4	100.0
	Total	321	100.0	100.0	

SpO2 Findings on Day of ICU Admission

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	<90	250	77.9	77.9	77.9
	>90	71	22.1	22.1	100.0
	Total	321	100.0	100.0	

Fever Findings on Day of ICU Admission

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	High	94	29.3	29.3	29.3
	Very high	227	70.7	70.7	100.0
	Total	321	100.0	100.0	

Type of infecting organism

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	A.fumigatus	157	48.9	48.9	48.9
	Enterobaterales	80	24.9	24.9	73.8
	K.Pneumonia	54	16.8	16.8	90.7
	No Culturing	1	.3	.3	91.0
	P.aeruginosa	10	3.1	3.1	94.1
	S.aureus	9	2.8	2.8	96.9

	VRE	10	3.1	3.1	100.0
	Total	321	100.0	100.0	

Antibiotic administered before ICU admission					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Amp/Sul	98	30.5	30.5	30.5
	Cef.	223	69.5	69.5	100.0
	Total	321	100.0	100.0	

Antibiotic administered during ICU admission					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Fluconazole	69	21.5	21.5	21.5
	Mero+Vanco	138	43.0	43.0	64.5
	Pip/Tazo+ Levo	114	35.5	35.5	100.0
	Total	321	100.0	100.0	

Administration of Iron supplement during residency					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Yes	201	62.6	62.6	62.6
	No	120	37.4	37.4	100.0
	Total	321	100.0	100.0	

recoding of bacteria					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Fungi	157	48.9	48.9	48.9
	bacteria	164	51.1	51.1	100.0
	Total	321	100.0	100.0	

```
CROSSTABS
  /TABLES=Duration BY Age OB HT DM CHD Cancer NoPH Sex Smoking CRP Leuko SpO2 Fever Bacteria AbxBefore AbxDuring Iron rebacteria countflu
  /FORMAT=AVALUE TABLES
  /STATISTICS=CHISQ
  /CELLS=COUNT COLUMN
  /COUNT ROUND CELL
  /METHOD=EXACT TIMER(5) .
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Crosstabs

Notes		
Output Created		05-NOV-2021 11:29:59
Comments		
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	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	321
	Definition of Missing	User-defined missing values are treated as missing.
Missing Value Handling		Statistics for each table are based on all the cases with valid data in the specified range(s) for all variables in each table.
	Cases Used	



Syntax	CROSSTABS	
	/TABLES=Duration BY Age OB HT DM CHD Cancer NoPH Sex Smoking CRP Leuko SpO2 Fever Bacteria AbxBefore AbxDuring Iron rebacteria countflu /FORMAT=AVALUE TABLES /STATISTICS=CHISQ /CELLS=COUNT COLUMN /COUNT ROUND CELL /METHOD=EXACT TIMER(5).	
Resources	Processor Time	00:00:07.61
	Elapsed Time	00:00:14.19
	Dimensions Requested	2
	Cells Available	174734
	Time for Exact Statistics	0:00:14.07

Case Processing Summary						
	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
Duration of ICU Stay (days) * Age	321	100.0%	0	0.0%	321	100.0%
Duration of ICU Stay (days) * obese patient	321	100.0%	0	0.0%	321	100.0%
Duration of ICU Stay (days) * Hyper tension patient	321	100.0%	0	0.0%	321	100.0%
Duration of ICU Stay (days) * Diabetic patient	321	100.0%	0	0.0%	321	100.0%
Duration of ICU Stay (days) * Coronary heart disease patient	321	100.0%	0	0.0%	321	100.0%
Duration of ICU Stay (days) * cancer patient	321	100.0%	0	0.0%	321	100.0%

Duration of ICU Stay (days) * No personal history of disease	321	100.0%	0	0.0%	321	100.0%
Duration of ICU Stay (days) * Sex	321	100.0%	0	0.0%	321	100.0%
Duration of ICU Stay (days) * being a smoker	321	100.0%	0	0.0%	321	100.0%
Duration of ICU Stay (days) * CRP Findings on Day of ICU Admission	321	100.0%	0	0.0%	321	100.0%
Duration of ICU Stay (days) * Leukocyte Findings on Day of ICU Admission	321	100.0%	0	0.0%	321	100.0%
Duration of ICU Stay (days) * SpO2 Findings on Day of ICU Admission	321	100.0%	0	0.0%	321	100.0%
Duration of ICU Stay (days) * Fever Findings on Day of ICU Admission	321	100.0%	0	0.0%	321	100.0%
Duration of ICU Stay (days) * Type of infecting organism	321	100.0%	0	0.0%	321	100.0%
Duration of ICU Stay (days) * Antibiotic administered before ICU admission	321	100.0%	0	0.0%	321	100.0%
Duration of ICU Stay (days) * Antibiotic administered during ICU admission	321	100.0%	0	0.0%	321	100.0%
Duration of ICU Stay (days) * Administration of Iron supplement during residency	321	100.0%	0	0.0%	321	100.0%

Duration of ICU Stay (days) * recoding of bacteria	321	100.0%	0	0.0%	321	100.0%
Duration of ICU Stay (days) * take Fluconazole as part of their therapy regimen	321	100.0%	0	0.0%	321	100.0%

Duration of ICU Stay (days) \* Age

Crosstab						
			Age			Total
			20-40	41-64	65 and more	
Duration of ICU Stay (days)	1- 6	Count	41	119	74	234
		% within Age	75.9%	75.8%	67.3%	72.9%
	7- 11	Count	10	28	23	61
		% within Age	18.5%	17.8%	20.9%	19.0%
	Death	Count	3	10	13	26
		% within Age	5.6%	6.4%	11.8%	8.1%
	Total	Count	54	157	110	321
		% within Age	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests						
	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)	Point Probability
Pearson Chi-Square	3.946 <sup>a</sup>	4	.413	.419		
Likelihood Ratio	3.816	4	.431	.444		
Fisher's Exact Test	3.690			.450		
Linear-by-Linear Association	2.925 <sup>b</sup>	1	.087	.094	.049	.012
N of Valid Cases	321					

a. 1 cells (11.1%) have expected count less than 5. The minimum expected count is 4.37.

b. The standardized statistic is 1.710.

Duration of ICU Stay (days) \* obese patient

Crosstab					
			obese patient		Total
			yes	no	
Duration of ICU Stay (days)	1- 6	Count	81	153	234
		% within obese patient	68.6%	75.4%	72.9%
	7- 11	Count	25	36	61
		% within obese patient	21.2%	17.7%	19.0%
	Death	Count	12	14	26
		% within obese patient	10.2%	6.9%	8.1%
	Total	Count	118	203	321
		% within obese patient	100.0%	100.0%	100.0%

Chi-Square Tests						
	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2- sided)	Exact Sig. (1- sided)	Point Probability
Pearson Chi-Square	1.918 <sup>a</sup>	2	.383	.392	.100	.028
Likelihood Ratio	1.887	2	.389	.407		
Fisher's Exact Test	1.996			.376		
Linear-by-Linear	1.906 <sup>b</sup>	1	.167	.195		
Association						
N of Valid Cases	321					

a. 0 cells (.0%) have expected count less than 5. The minimum expected count is 9.56.

b. The standardized statistic is -1.381.

Duration of ICU Stay (days) \* Hyper tension patient

Crosstab					
			Hyper tension patient		Total
			yes	no	
Duration of ICU Stay (days)	1- 6	Count	156	78	234
		% within Hyper tension patient	73.2%	72.2%	72.9%
	7- 11	Count	43	18	61
		% within Hyper tension patient	20.2%	16.7%	19.0%
	Death	Count	14	12	26
		% within Hyper tension patient	6.6%	11.1%	8.1%
	Total	Count	213	108	321
		% within Hyper tension patient	100.0%	100.0%	100.0%

Chi-Square Tests						
	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)	Point Probability
Pearson Chi-Square	2.300 <sup>a</sup>	2	.317	.325		
Likelihood Ratio	2.226	2	.329	.332		
Fisher's Exact Test	2.288			.317		
Linear-by-Linear Association	.565 <sup>b</sup>	1	.452	.509	.254	.056
N of Valid Cases	321					

a. 0 cells (.0%) have expected count less than 5. The minimum expected count is 8.75.

b. The standardized statistic is .752.

Duration of ICU Stay (days) \* Diabetic patient

Crosstab					
			Diabetic patient		Total
			yes	no	
Duration of ICU Stay (days)	1- 6	Count	180	54	234
		% within Diabetic patient	72.0%	76.1%	72.9%
	7- 11	Count	49	12	61
		% within Diabetic patient	19.6%	16.9%	19.0%
	Death	Count	21	5	26
		% within Diabetic patient	8.4%	7.0%	8.1%
	Total	Count	250	71	321
		% within Diabetic patient	100.0%	100.0%	100.0%

Chi-Square Tests						
	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)	Point Probability
Pearson Chi-Square	.463 <sup>a</sup>	2	.794	.788	.301	.072
Likelihood Ratio	.471	2	.790	.788		
Fisher's Exact Test	.362			.874		
Linear-by-Linear Association	.414 <sup>b</sup>	1	.520	.592		
N of Valid Cases	321					

a. 0 cells (.0%) have expected count less than 5. The minimum expected count is 5.75.

b. The standardized statistic is -.644.

Duration of ICU Stay (days) \* Coronary heart disease patient

Crosstab					
			Coronary heart disease patient		Total
			yes	no	
1- 6	Count		53	181	234

Duration of ICU Stay (days)	7- 11	% within Coronary heart disease patient	71.6%	73.3%	72.9%
		Count	13	48	61
		% within Coronary heart disease patient	17.6%	19.4%	19.0%
	Death	Count	8	18	26
		% within Coronary heart disease patient	10.8%	7.3%	8.1%
		Count	74	247	321
Total		% within Coronary heart disease patient	100.0%	100.0%	100.0%

Chi-Square Tests						
	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)	Point Probability
Pearson Chi-Square	.998 <sup>a</sup>	2	.607	.627		
Likelihood Ratio	.943	2	.624	.662		
Fisher's Exact Test	1.096			.595		
Linear-by-Linear Association	.391 <sup>b</sup>	1	.532	.597	.298	.067
N of Valid Cases	321					

a. 0 cells (.0%) have expected count less than 5. The minimum expected count is 5.99.

b. The standardized statistic is -.625.

Duration of ICU Stay (days) \* cancer patient

Crosstab					
			cancer patient		Total
			yes	no	
Duration of ICU Stay (days)	1- 6	Count	44	190	234
		% within cancer patient	66.7%	74.5%	72.9%
	7- 11	Count	12	49	61

Total	Death	% within cancer patient	18.2%	19.2%	19.0%
		Count	10	16	26
		% within cancer patient	15.2%	6.3%	8.1%
		Count	66	255	321
		% within cancer patient	100.0%	100.0%	100.0%

Chi-Square Tests						
	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)	Point Probability
Pearson Chi-Square	5.573 <sup>a</sup>	2	.062	.065		
Likelihood Ratio	4.837	2	.089	.099		
Fisher's Exact Test	5.144			.074		
Linear-by-Linear Association	3.746 <sup>b</sup>	1	.053	.060	.037	.014
N of Valid Cases	321					

a. 0 cells (.0%) have expected count less than 5. The minimum expected count is 5.35.

b. The standardized statistic is -1.935.

Duration of ICU Stay (days) \* No personal history of disease

Crosstab					
			No personal history of disease		Total
			yes	no	
Duration of ICU Stay (days)	1- 6	Count	9	225	234
		% within No personal history of disease	75.0%	72.8%	72.9%
	7- 11	Count	0	61	61
		% within No personal history of disease	0.0%	19.7%	19.0%
	Death	Count	3	23	26
		% within No personal history of disease	25.0%	7.4%	8.1%
		Count			
		% within No personal history of disease			



Total	Count	12	309	321
	% within No personal history of disease	100.0%	100.0%	100.0%

Chi-Square Tests						
	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)	Point Probability
Pearson Chi-Square	6.772 <sup>a</sup>	2	.034	.035	.261	.117
Likelihood Ratio	7.531	2	.023	.036		
Fisher's Exact Test	6.037			.041		
Linear-by-Linear Association	.698 <sup>b</sup>	1	.404	.480		
N of Valid Cases	321					

a. 2 cells (33.3%) have expected count less than 5. The minimum expected count is .97.

b. The standardized statistic is -.835.

Duration of ICU Stay (days) \* Sex

Crosstab					
			Sex		Total
			M	F	
Duration of ICU Stay (days)	1- 6	Count	123	111	234
		% within Sex	75.9%	69.8%	72.9%
	7- 11	Count	28	33	61
		% within Sex	17.3%	20.8%	19.0%
	Death	Count	11	15	26
		% within Sex	6.8%	9.4%	8.1%
	Total	Count	162	159	321
		% within Sex	100.0%	100.0%	100.0%

Chi-Square Tests						
	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2- sided)	Exact Sig. (1- sided)	Point Probability
Pearson Chi-Square	1.613 <sup>a</sup>	2	.446	.460		
Likelihood Ratio	1.616	2	.446	.460		
Fisher's Exact Test	1.611			.460		
Linear-by-Linear Association	1.573 <sup>b</sup>	1	.210	.213	.122	.033
N of Valid Cases	321					

- a. 0 cells (.0%) have expected count less than 5. The minimum expected count is 12.88.
- b. The standardized statistic is 1.254.

Duration of ICU Stay (days) \* being a smoker

Crosstab					
			being a smoker		Total
			Yes	No	
Duration of ICU Stay (days)	1- 6	Count	103	131	234
		% within being a smoker	77.4%	69.7%	72.9%
	7- 11	Count	25	36	61
		% within being a smoker	18.8%	19.1%	19.0%
	Death	Count	5	21	26
		% within being a smoker	3.8%	11.2%	8.1%
Total	Count		133	188	321
	% within being a smoker		100.0%	100.0%	100.0%

Chi-Square Tests						
	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2- sided)	Exact Sig. (1- sided)	Point Probability
Pearson Chi-Square	5.931 <sup>a</sup>	2	.052	.051		
Likelihood Ratio	6.470	2	.039	.045		
Fisher's Exact Test	6.079			.050		

Linear-by-Linear Association	4.583 <sup>b</sup>	1	.032	.037	.019	.007
N of Valid Cases	321					

a. 0 cells (.0%) have expected count less than 5. The minimum expected count is 10.77.

b. The standardized statistic is 2.141.

Duration of ICU Stay (days) \* CRP Findings on Day of ICU Admission

Crosstab					
			CRP Findings on Day of ICU Admission		Total
			Moderate	High	
Duration of ICU Stay (days)	1- 6	Count	128	106	234
		% within CRP Findings on Day of ICU Admission	73.1%	72.6%	72.9%
	7- 11	Count	33	28	61
		% within CRP Findings on Day of ICU Admission	18.9%	19.2%	19.0%
	Death	Count	14	12	26
		% within CRP Findings on Day of ICU Admission	8.0%	8.2%	8.1%
	Total	Count	175	146	321
		% within CRP Findings on Day of ICU Admission	100.0%	100.0%	100.0%

Chi-Square Tests						
	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)	Point Probability
Pearson Chi-Square	.012 <sup>a</sup>	2	.994	1.000		
Likelihood Ratio	.012	2	.994	1.000		
Fisher's Exact Test	.043			1.000		

Linear-by-Linear Association	.012 <sup>b</sup>	1	.914	.929	.491	.071
N of Valid Cases	321					

a. 0 cells (.0%) have expected count less than 5. The minimum expected count is 11.83.

b. The standardized statistic is .108.

Duration of ICU Stay (days) \* Leukocyte Findings on Day of ICU Admission

Crosstab					
			Leukocyte Findings on Day of ICU Admission		Total
			Moderate	High	
Duration of ICU Stay (days)	1- 6	Count	59	175	234
		% within Leukocyte Findings on Day of ICU Admission	74.7%	72.3%	72.9%
	7- 11	Count	18	43	61
		% within Leukocyte Findings on Day of ICU Admission	22.8%	17.8%	19.0%
	Death	Count	2	24	26
		% within Leukocyte Findings on Day of ICU Admission	2.5%	9.9%	8.1%
Total	Count	79	242	321	
	% within Leukocyte Findings on Day of ICU Admission	100.0%	100.0%	100.0%	

Chi-Square Tests						
	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)	Point Probability

Pearson Chi-Square	4.845 <sup>a</sup>	2	.089	.094		
Likelihood Ratio	5.869	2	.053	.060		
Fisher's Exact Test	5.133			.072		
Linear-by-Linear Association	1.448 <sup>b</sup>	1	.229	.256	.135	.042
N of Valid Cases	321					

a. 0 cells (.0%) have expected count less than 5. The minimum expected count is 6.40.

b. The standardized statistic is 1.203.

Duration of ICU Stay (days) \* SpO2 Findings on Day of ICU Admission

Crosstab					
			SpO2 Findings on Day of ICU Admission		Total
			<90	>90	
Duration of ICU Stay (days)	1- 6	Count	188	46	234
		% within SpO2 Findings on Day of ICU Admission	75.2%	64.8%	72.9%
	7- 11	Count	40	21	61
		% within SpO2 Findings on Day of ICU Admission	16.0%	29.6%	19.0%
	Death	Count	22	4	26
		% within SpO2 Findings on Day of ICU Admission	8.8%	5.6%	8.1%
	Total	Count	250	71	321
		% within SpO2 Findings on Day of ICU Admission	100.0%	100.0%	100.0%

Chi-Square Tests						
	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)	Point Probability
Pearson Chi-Square	6.871 <sup>a</sup>	2	.032	.033		

Likelihood Ratio	6.410	2	.041	.045		
Fisher's Exact Test	6.367			.041		
Linear-by-Linear Association	.742 <sup>b</sup>	1	.389	.391	.223	.057
N of Valid Cases	321					

a. 0 cells (.0%) have expected count less than 5. The minimum expected count is 5.75.

b. The standardized statistic is .861.

Duration of ICU Stay (days) \* Fever Findings on Day of ICU Admission

Crosstab					
			Fever Findings on Day of ICU Admission		Total
			High	Very high	
Duration of ICU Stay (days)	1- 6	Count	71	163	234
		% within Fever Findings on Day of ICU Admission	75.5%	71.8%	72.9%
	7- 11	Count	19	42	61
		% within Fever Findings on Day of ICU Admission	20.2%	18.5%	19.0%
	Death	Count	4	22	26
		% within Fever Findings on Day of ICU Admission	4.3%	9.7%	8.1%
	Total	Count	94	227	321
		% within Fever Findings on Day of ICU Admission	100.0%	100.0%	100.0%

Chi-Square Tests						
	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)	Point Probability
Pearson Chi-Square	2.654 <sup>a</sup>	2	.265	.273		
Likelihood Ratio	2.973	2	.226	.244		

Fisher's Exact Test	2.617			.261		
Linear-by-Linear Association	1.426 <sup>b</sup>	1	.232	.242	.136	.040
N of Valid Cases	321					

a. 0 cells (.0%) have expected count less than 5. The minimum expected count is 7.61.

b. The standardized statistic is 1.194.

Duration of ICU Stay (days) \* Type of infecting organism

Crosstab										
			Type of infecting organism						Total	
			A.fumigatus	Enterobaterals	K.Pneumonia	No Culturing	P.aeruginosa	S.aureus		VRE
Duration of ICU Stay (days)	1- 6	Count	126	52	34	0	8	7	7	234
		% within Type of infecting organism	80.3%	65.0%	63.0%	0.0%	80.0%	77.8%	70.0%	72.9%
	7- 11	Count	24	16	13	1	2	2	3	61
		% within Type of infecting organism	15.3%	20.0%	24.1%	100.0%	20.0%	22.2%	30.0%	19.0%
	Death	Count	7	12	7	0	0	0	0	26
		% within Type of infecting organism	4.5%	15.0%	13.0%	0.0%	0.0%	0.0%	0.0%	8.1%
Total		Count	157	80	54	1	10	9	10	321
		% within Type of infecting organism	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests						
	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)	Point Probability
Pearson Chi-Square	20.757 <sup>a</sup>	12	.054	. <sup>b</sup>		
Likelihood Ratio	21.418	12	.045	. <sup>b</sup>		
Fisher's Exact Test	18.955			.055		

Linear-by-Linear Association	.793 <sup>c</sup>	1	.373	.382	.194	.015
N of Valid Cases	321					

- a. 10 cells (47.6%) have expected count less than 5. The minimum expected count is .08.
- b. Cannot be computed because there is insufficient memory.
- c. The standardized statistic is .890.

Duration of ICU Stay (days) \* Antibiotic administered before ICU admission

Crosstab					
			Antibiotic administered before ICU admission		Total
			Amp/Sul	Cef.	
Duration of ICU Stay (days)	1- 6	Count	52	182	234
		% within Antibiotic administered before ICU admission	53.1%	81.6%	72.9%
	7- 11	Count	29	32	61
		% within Antibiotic administered before ICU admission	29.6%	14.3%	19.0%
	Death	Count	17	9	26
		% within Antibiotic administered before ICU admission	17.3%	4.0%	8.1%
	Total	Count	98	223	321
		% within Antibiotic administered before ICU admission	100.0%	100.0%	100.0%

Chi-Square Tests



	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2- sided)	Exact Sig. (1- sided)	Point Probability
Pearson Chi-Square	30.830 <sup>a</sup>	2	.000	.000		
Likelihood Ratio	29.152	2	.000	.000		
Fisher's Exact Test	29.206			.000		
Linear-by-Linear Association	30.492 <sup>b</sup>	1	.000	.000	.000	.000
N of Valid Cases	321					

a. 0 cells (.0%) have expected count less than 5. The minimum expected count is 7.94.

b. The standardized statistic is -5.522.

Duration of ICU Stay (days) \* Antibiotic administered during ICU admission

Crosstab						
		Antibiotic administered during ICU admission			Total	
		Fluconazole	Mero+Vanco	Pip/Tazo+ Levo		
Duration of ICU Stay (days)	1- 6	Count	69	108	57	234
		% within Antibiotic administered during ICU admission	100.0%	78.3%	50.0%	72.9%
	7- 11	Count	0	24	37	61
		% within Antibiotic administered during ICU admission	0.0%	17.4%	32.5%	19.0%
	Death	Count	0	6	20	26
		% within Antibiotic administered during ICU admission	0.0%	4.3%	17.5%	8.1%
Total	Count	69	138	114	321	
	% within Antibiotic administered during ICU admission	100.0%	100.0%	100.0%	100.0%	

Chi-Square Tests						
	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)	Point Probability
Pearson Chi-Square	60.395 <sup>a</sup>	4	.000	.000		
Likelihood Ratio	74.785	4	.000	.000		
Fisher's Exact Test	67.463			.000		
Linear-by-Linear Association	54.097 <sup>b</sup>	1	.000	.000	.000	.000
N of Valid Cases	321					

a. 0 cells (.0%) have expected count less than 5. The minimum expected count is 5.59.

b. The standardized statistic is 7.355.

Duration of ICU Stay (days) \* Administration of Iron supplement during residency

Crosstab					
			Administration of Iron supplement during residency		Total
			Yes	No	
Duration of ICU Stay (days)	1- 6	Count	199	35	234
		% within Administration of Iron supplement during residency	99.0%	29.2%	72.9%
	7- 11	Count	0	61	61
		% within Administration of Iron supplement during residency	0.0%	50.8%	19.0%
	Death	Count	2	24	26
		% within Administration of Iron supplement during residency	1.0%	20.0%	8.1%
	Total	Count	201	120	321

% within Administration of Iron supplement during residency	100.0%	100.0%	100.0%
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Chi-Square Tests						
	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2- sided)	Exact Sig. (1- sided)	Point Probability
Pearson Chi-Square	185.957 <sup>a</sup>	2	.000	.000		
Likelihood Ratio	212.756	2	.000	.000		
Fisher's Exact Test	206.543			.000		
Linear-by-Linear Association	151.563 <sup>b</sup>	1	.000	.000	.000	.000
N of Valid Cases	321					

a. 0 cells (.0%) have expected count less than 5. The minimum expected count is 9.72.

b. The standardized statistic is 12.311.

Duration of ICU Stay (days) \* recoding of bacteria

Crosstab					
			recoding of bacteria		Total
			Fungi	bacteria	
Duration of ICU Stay (days)	1- 6	Count	126	108	234
		% within recoding of bacteria	80.3%	65.9%	72.9%
	7- 11	Count	24	37	61
		% within recoding of bacteria	15.3%	22.6%	19.0%
	Death	Count	7	19	26
		% within recoding of bacteria	4.5%	11.6%	8.1%
	Total		157	164	321

% within recoding of bacteria	100.0%	100.0%	100.0%
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Chi-Square Tests						
	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)	Point Probability
Pearson Chi-Square	9.545 <sup>a</sup>	2	.008	.008		
Likelihood Ratio	9.779	2	.008	.008		
Fisher's Exact Test	9.524			.009		
Linear-by-Linear Association	9.500 <sup>b</sup>	1	.002	.002	.001	.001
N of Valid Cases	321					

a. 0 cells (.0%) have expected count less than 5. The minimum expected count is 12.72.

b. The standardized statistic is 3.082.

Duration of ICU Stay (days) \* take Fluconazole as part of their therapy regimen

Crosstab					
			take Fluconazole as part of their therapy regimen		Total
			none	take fluconazole	
Duration of ICU Stay (days)	1- 6	Count	165	69	234
		% within take Fluconazole as part of their therapy regimen	65.5%	100.0%	72.9%
	7- 11	Count	61	0	61
		% within take Fluconazole as part of their therapy regimen	24.2%	0.0%	19.0%
	Death	Count	26	0	26

Total	% within take	10.3%	0.0%	8.1%
	Fluconazole as part of			
	their therapy regimen			
	Count	252	69	321
	% within take	100.0%	100.0%	100.0%
	Fluconazole as part of			
	their therapy regimen			

Chi-Square Tests						
	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2- sided)	Exact Sig. (1- sided)	Point Probability
Pearson Chi-Square	32.678 <sup>a</sup>	2	.000	.000		
Likelihood Ratio	50.305	2	.000	.000		
Fisher's Exact Test	43.028			.000		
Linear-by-Linear Association	27.834 <sup>b</sup>	1	.000	.000	.000	.000
N of Valid Cases	321					

a. 0 cells (.0%) have expected count less than 5. The minimum expected count is 5.59.

b. The standardized statistic is -5.276.

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