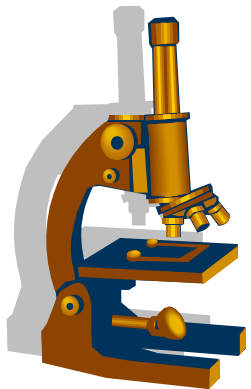




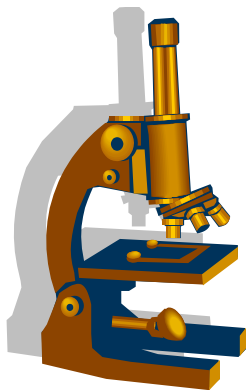
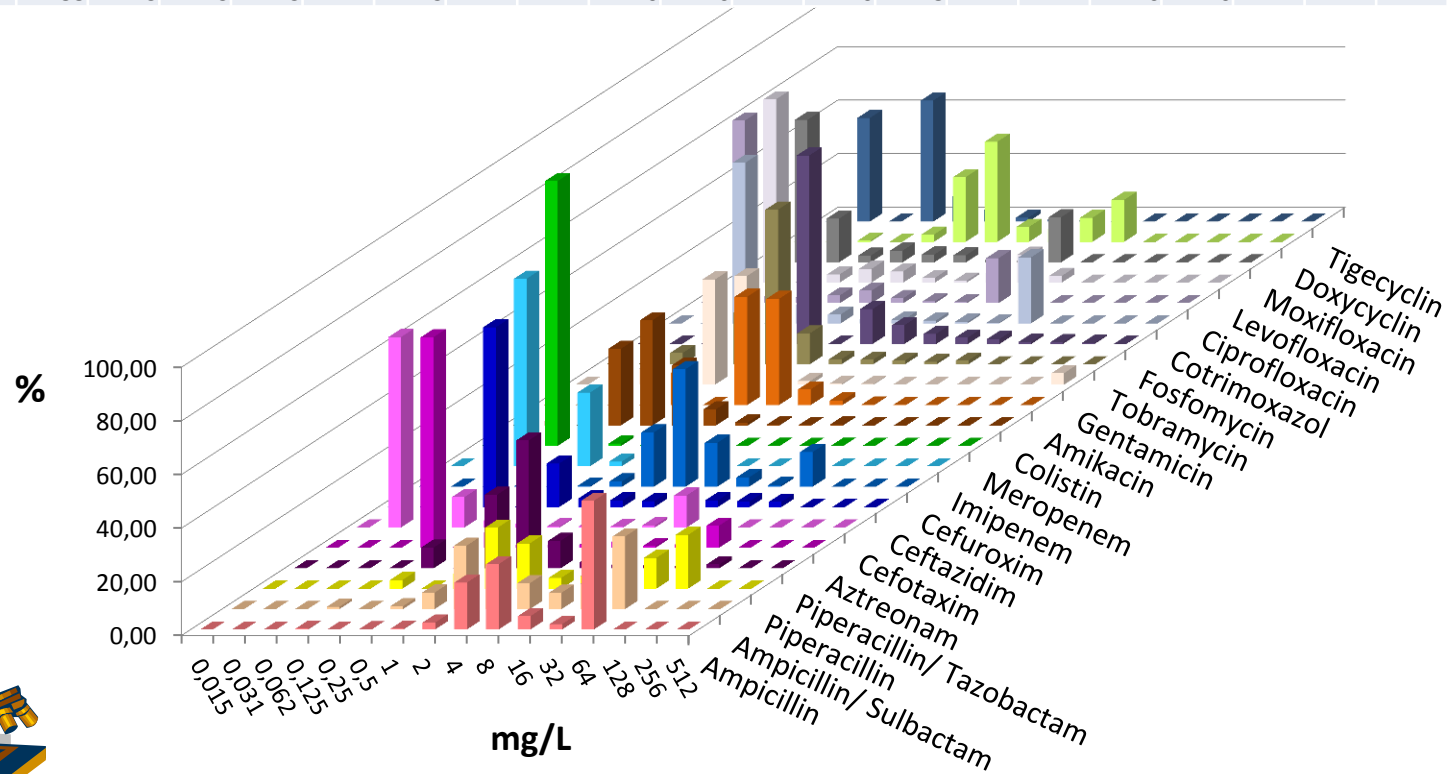
# Resistenzepidemiologie 2018

## Gesamtklinikum

Arne C. Rodloff  
Norman Lippmann



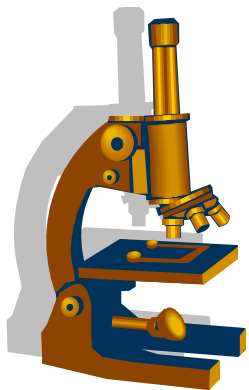
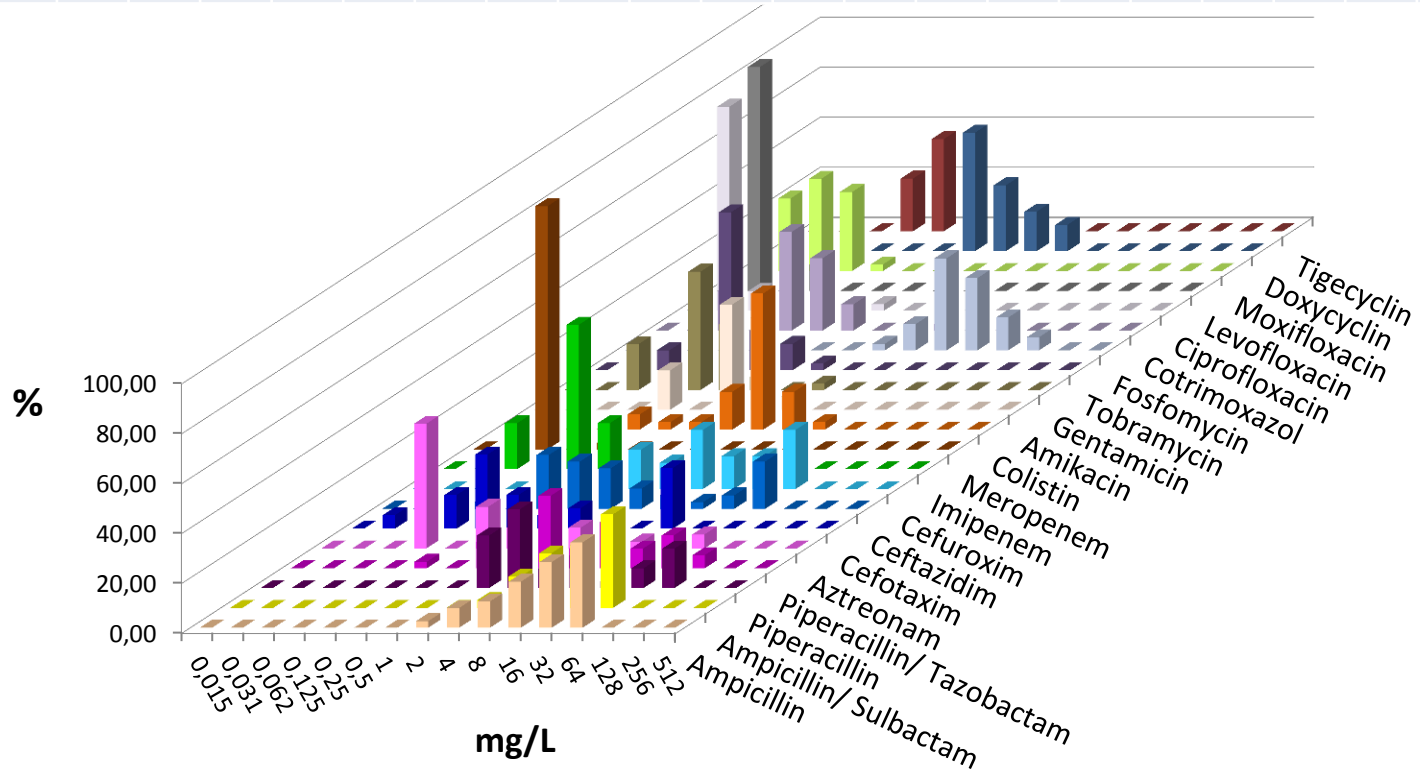
	AMP	ASU	PIP	PIT	AZT	CTX	CAZ	CFX	IMP	MER	COL	AMK	GEN	TOB	FOS	SXT	CIP	LEV	MOX	DOX	TIG
n	3.272	2.967	3.276	3.276	2.974	3.276	3.277	3.275	3.275	3.276	2.795	3.271	3.275	3.277	3.274	3.273	3.276	3.275	3.273	3.274	3.274
S	45	57	52	95	85	87	86	83	100	100	99	100	95	95	98	73	76	81	76		98
I			5	1	2	0	2		0	0		0	0	2		1	5	2			
R	55	43	43	3	12	13	11	17	0	0	1	0	5	4	2	26	20	17	24		2



# UKL 2018

## Hafnia alvei

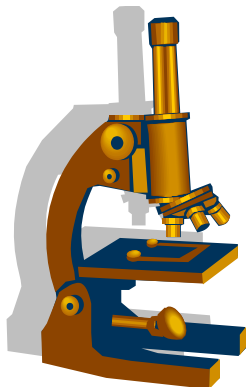
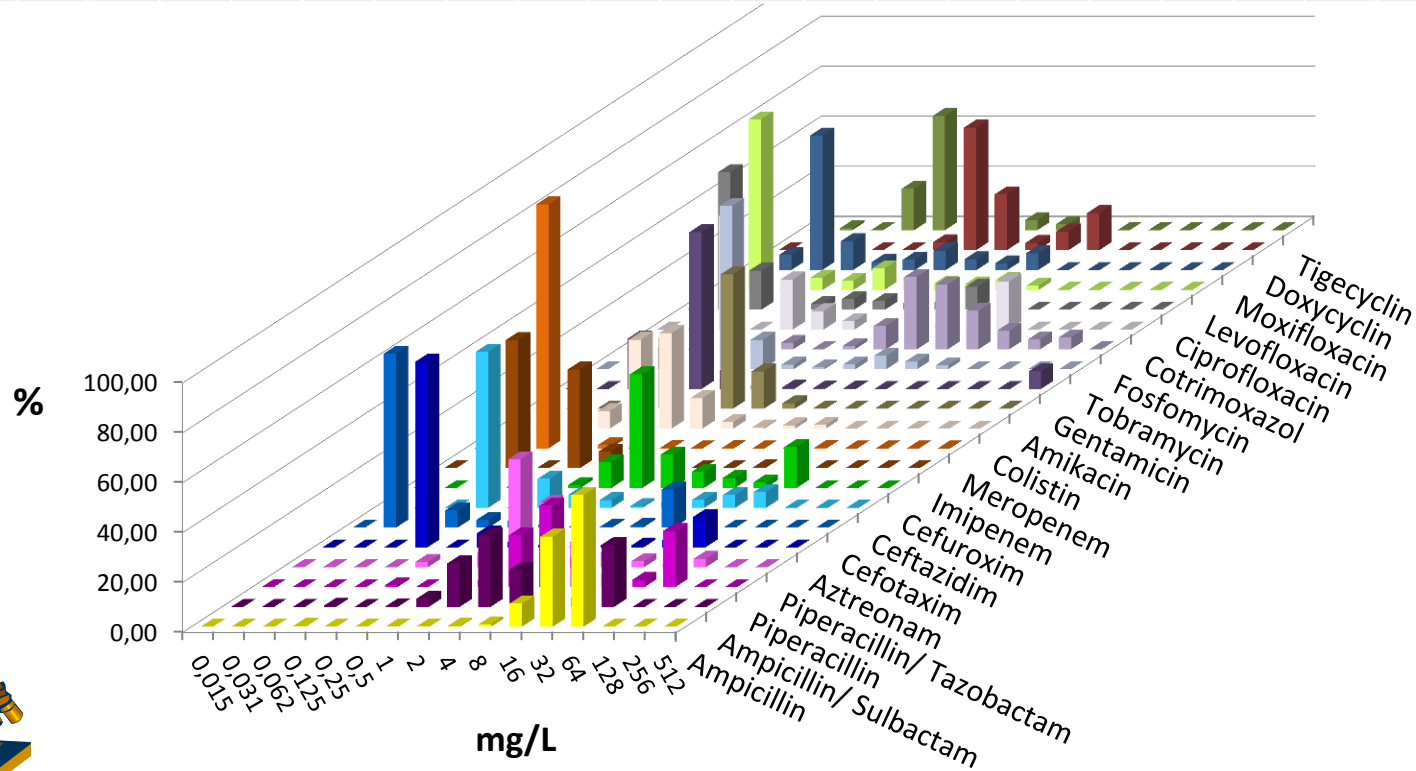
	AMP	ASU	PIP	PIT	AZT	CTX	CAZ	CFX	IMP	MER	COL	AMK	GEN	TOB	FOS	SXT	CIP	LEV	MOX	DOX	TIG
n	38	32	38	38	36	37	37	38	38	38	33	38	38	38	38	38	38	38	38	38	38
S	21	16	61	55	75	68	43	50	100	100	27	100	97	100	82	95	97	100	100		100
I			13	18	8	8	16		0	0		0	3	0		3	0	0			0
R	79	84	26	26	17	24	41	50	0	0	73	0	0	0	18	3	3	0	0		0



# UKL 2018

## Klebsiella pneumoniae

	AMP	ASU	PIP	PIT	AZT	CTX	CAZ	CFX	IMP	MER	COL	AMK	GEN	TOB	FOS	SXT	CIP	LEV	MOX	DOX	TIG	
n	1.005	917	1.005	1.005	917	1.005	1.005	1.005	1.004	1.004	854	1.003	1.004	1.005	1.005	1.003	1.005	1.005	1.005	1.005	1.005	
S	2	65	57	87	82	83	80	77	100	100	97	100	92	88	84	78	77	85	75		93	
I			12	6	1	0	3		0	0		0	0	2		1	4	5				4
R	98	35	31	7	17	16	17	23	0	0	3	0	7	10	16	21	19	10	25			3

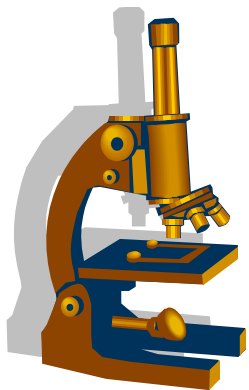
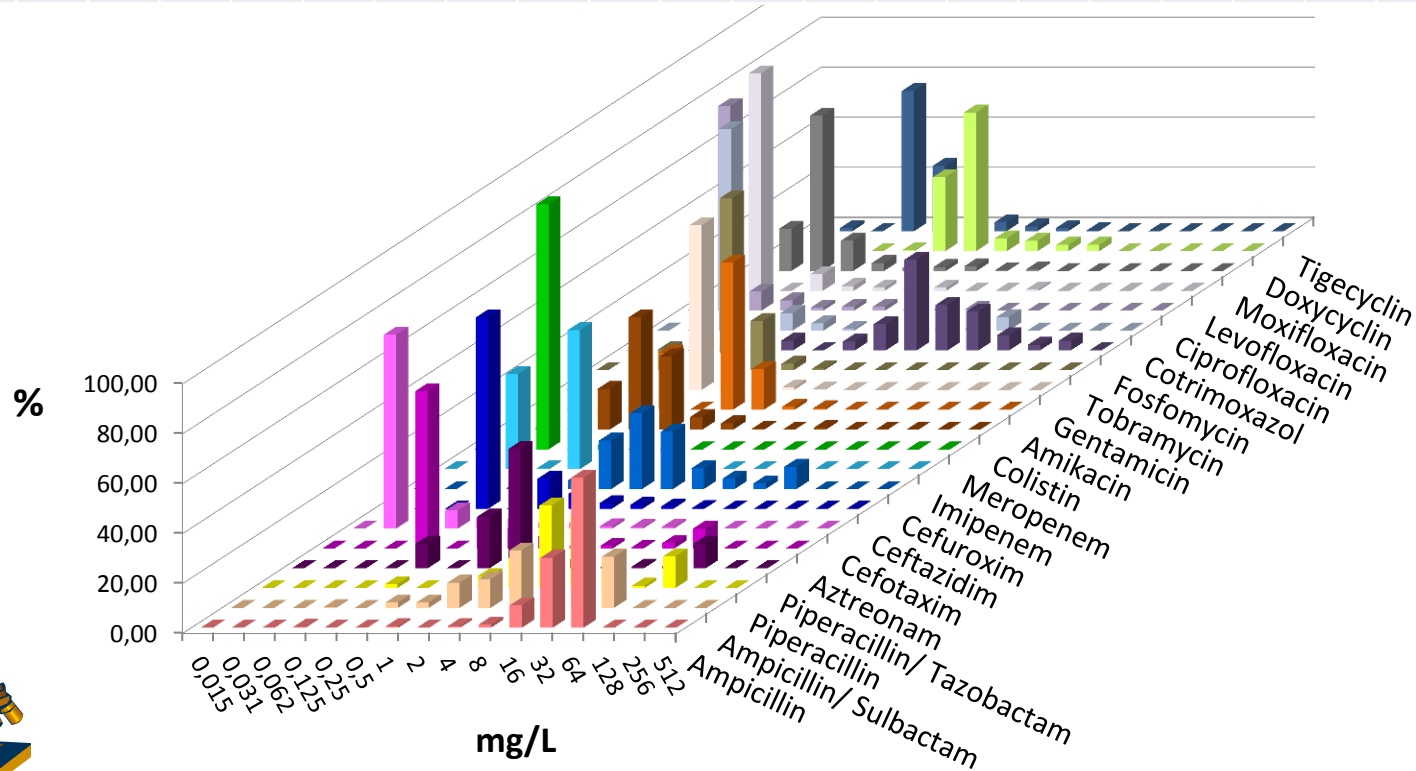




# UKL 2018

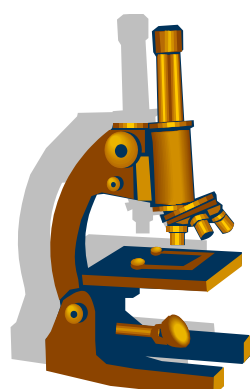
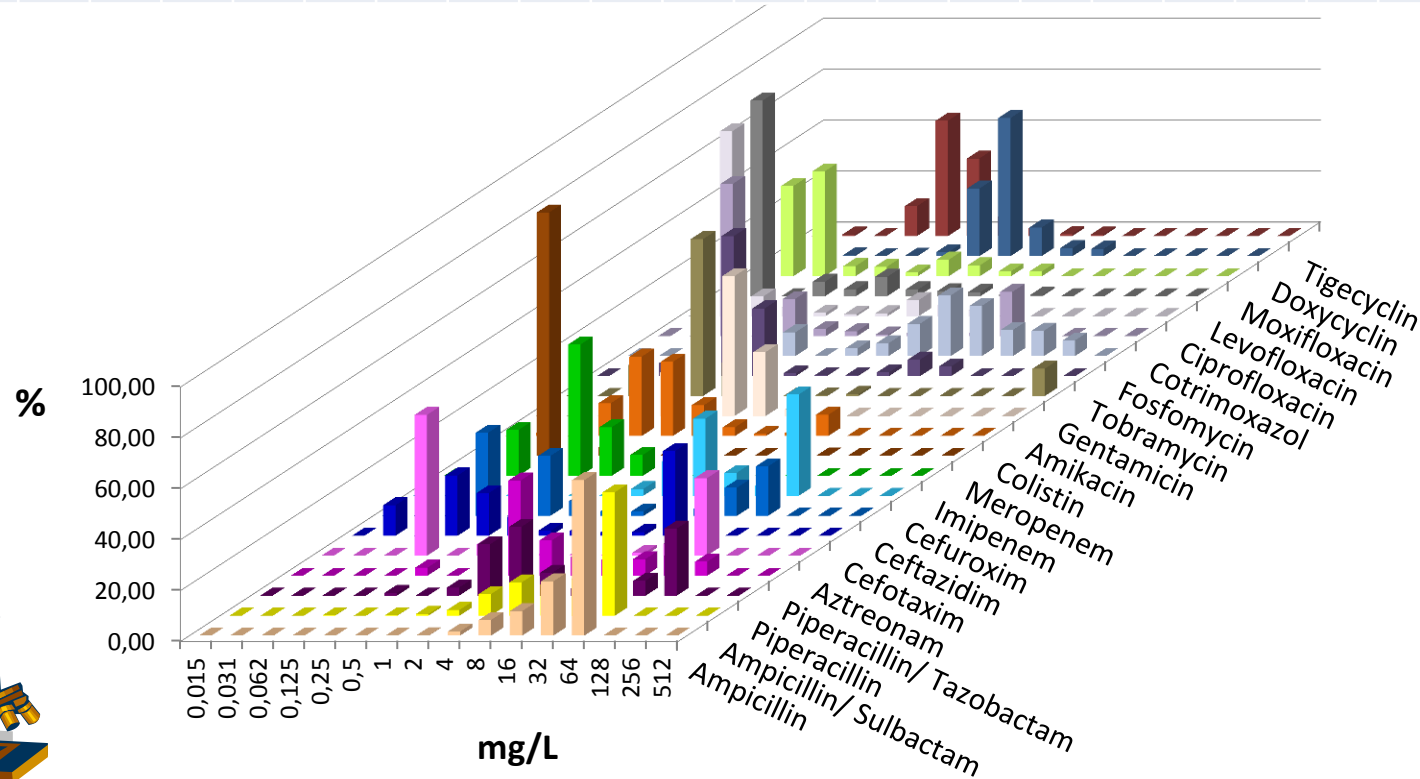
## Klebsiella oxytoca

	AMP	ASU	PIP	PIT	AZT	CTX	CAZ	CFX	IMP	MER	COL	AMK	GEN	TOB	FOS	SXT	CIP	LEV	MOX	DOX	TIG
n	314	278	314	314	281	314	314	314	314	314	276	314	314	314	314	314	314	314	314	314	314
S	3	49	52	88	83	96	95	85	100	100	99	100	100	100	88	93	95	97	94		96
I			29	1	6	2	2		0	0		0	0	0		0	2	1			2
R	97	51	19	11	11	2	3	15	0	0	1	0	0	0	12	7	4	2	6		2

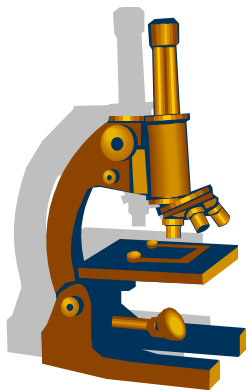
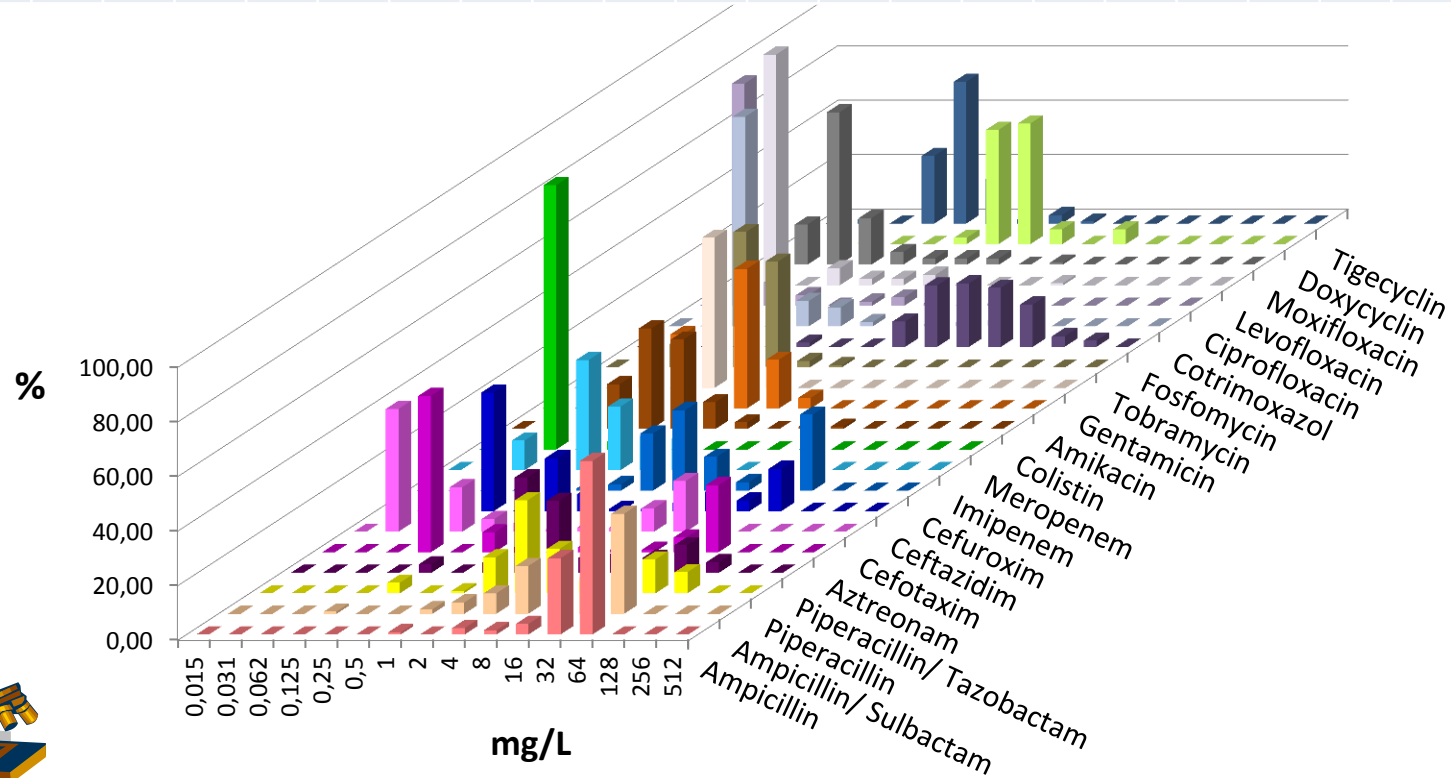




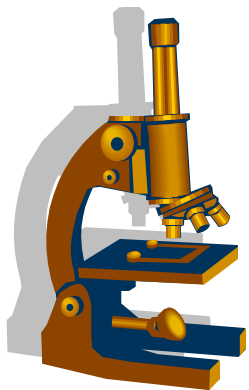
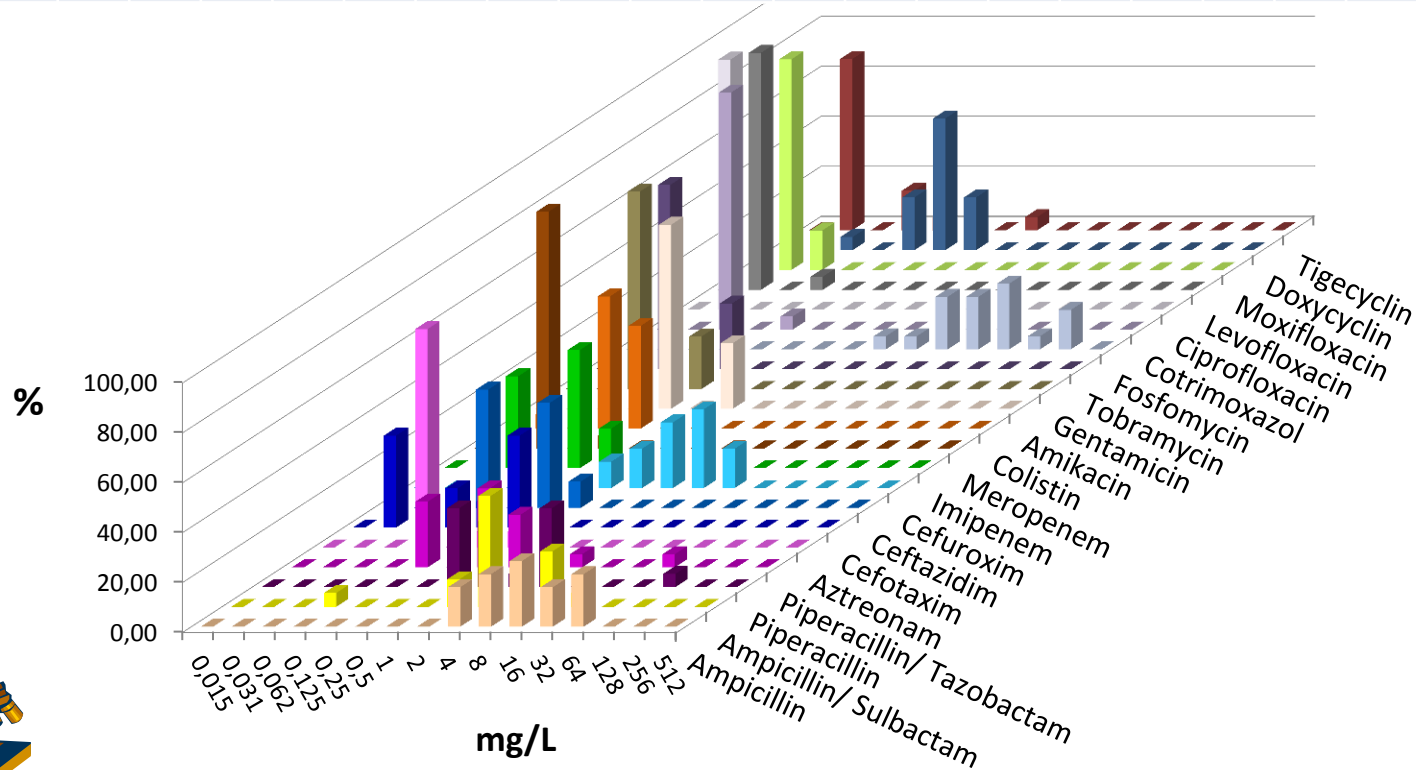
	AMP	ASU	PIP	PIT	AZT	CTX	CAZ	CFX	IMP	MER	COL	AMK	GEN	TOB	FOS	SXT	CIP	LEV	MOX	DOX	TIG
n	633	573	633	633	578	633	633	633	633	633	529	633	633	632	633	633	633	633	633	633	632
S	8	25	61	74	62	62	62	47	99	100	90	100	88	88	74	80	85	93	84		95
I			3	6	1	2	2		0	0		0	0	0		1	1	3			3
R	92	75	37	20	37	36	36	53	0	0	10	0	12	12	26	19	14	5	16		1



	AMP	ASU	PIP	PIT	AZT	CTX	CAZ	CFX	IMP	MER	COL	AMK	GEN	TOB	FOS	SXT	CIP	LEV	MOX	DOX	TIG
n	129	120	129	129	110	129	129	129	129	129	122	129	129	129	129	129	129	129	129	129	129
S	5	32	68	74	66	70	69	66	98	100	98	100	100	100	78	95	94	95	92		96
I			5	7	2	2	1		2	0		0	0	0		1	2	4			3
R	95	68	27	19	32	29	30	34	0	0	2	0	0	0	22	5	5	1	8		1



	AMP	ASU	PIP	PIT	AZT	CTX	CAZ	CFX	IMP	MER	COL	AMK	GEN	TOB	FOS	SXT	CIP	LEV	MOX	DOX	TIG	
n	19	18	19	19	16	19	19	19	19	19	17	19	19	19	19	19	19	19	19	19	19	
S	37	72	95	95	100	100	100	84	100	100	100	100	100	100	53	100	100	100	100		95	
I			0	0	0	0	0		0	0		0	0	0		0	0	0				5
R	63	28	5	5	0	0	0	16	0	0	0	0	0	0	47	0	0	0	0			0



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## Raoultella ornithinolytica



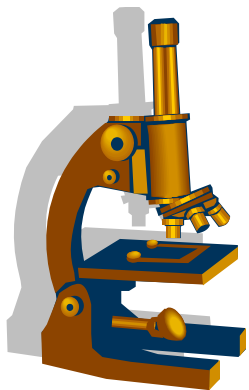
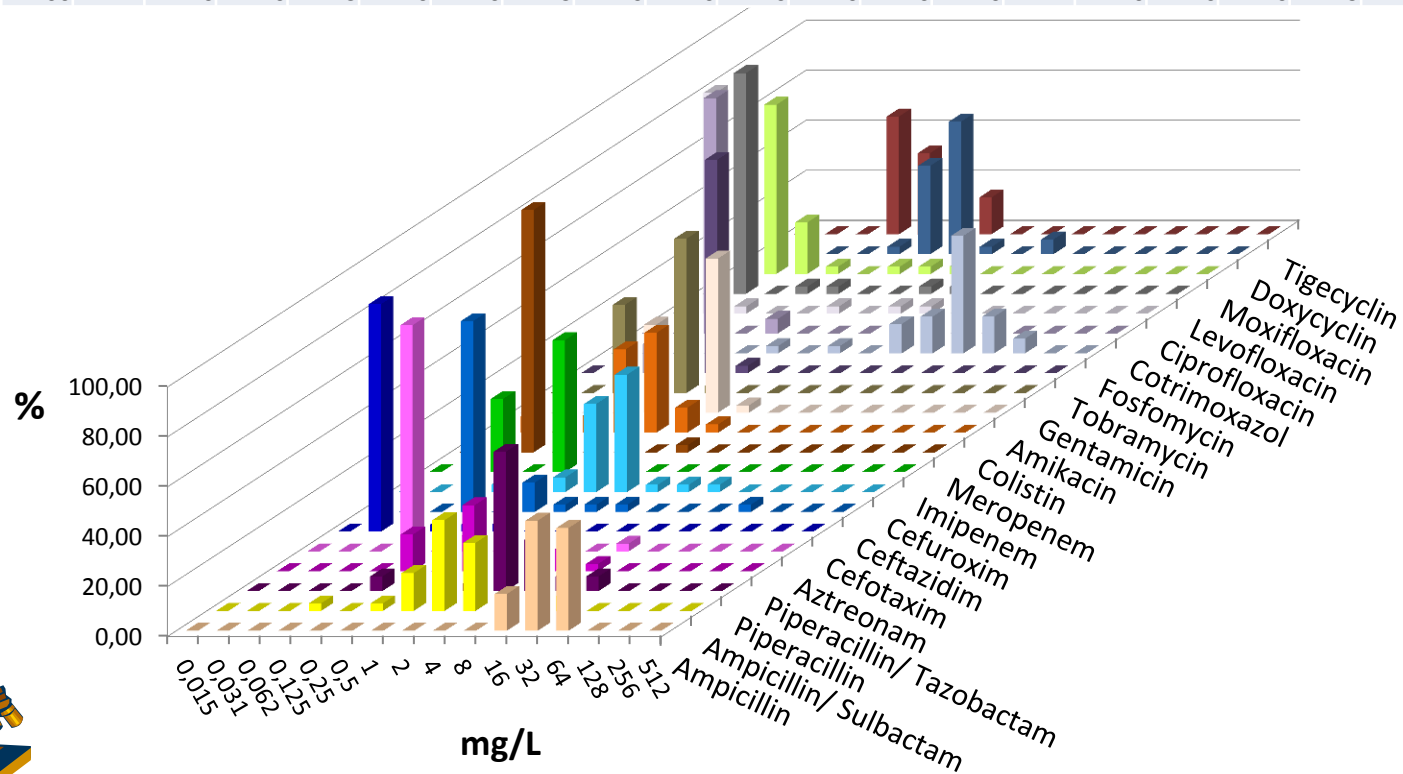
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Leipzig

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ZENTRUM FÜR  
INFEKTIONSMEDIZIN

	AMP	ASU	PIP	PIT	AZT	CTX	CAZ	CFX	IMP	MER	COL	AMK	GEN	TOB	FOS	SXT	CIP	LEV	MOX	DOX	TIG
n	34	33	34	34	32	34	34	34	34	34	30	34	34	34	34	34	34	34	34	34	34
S	0	88	88	97	97	100	91	97	100	100	100	100	100	100	79	100	91	94	91		100
I			6	3	0	0	3		0	0		0	0	0		0	3	0			0
R	100	12	6	0	3	0	6	3	0	0	0	0	0	0	21	0	6	6	9		0



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## Raoultella planticola



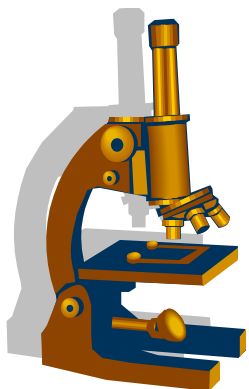
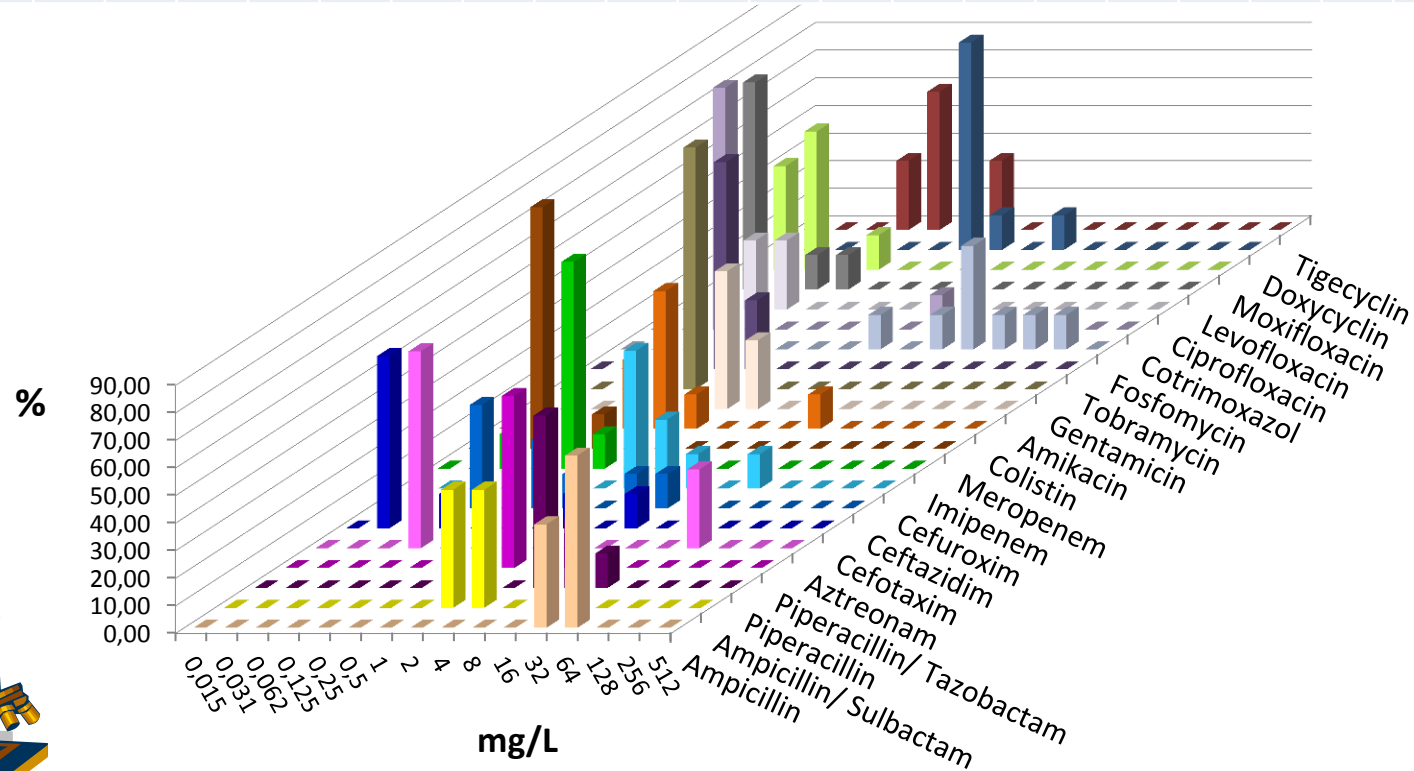
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ZENTRUM FÜR  
INFEKTIONSMEDIZIN

	AMP	ASU	PIP	PIT	AZT	CTX	CAZ	CFX	IMP	MER	COL	AMK	GEN	TOB	FOS	SXT	CIP	LEV	MOX	DOX	TIG	
n	8	7	8	8	7	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
S	0	86	63	100	71	75	75	88	100	100	88	100	100	100	63	88	100	100	100			100
I			25	0	0	13	0		0	0		0	0	0		0	0	0				0
R	100	14	13	0	29	13	25	13	0	0	13	0	0	0	38	13	0	0	0			0



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## Proteus mirabilis



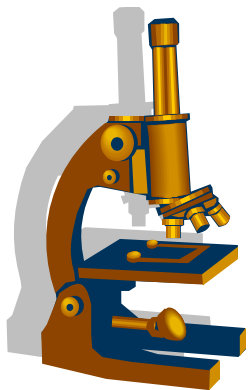
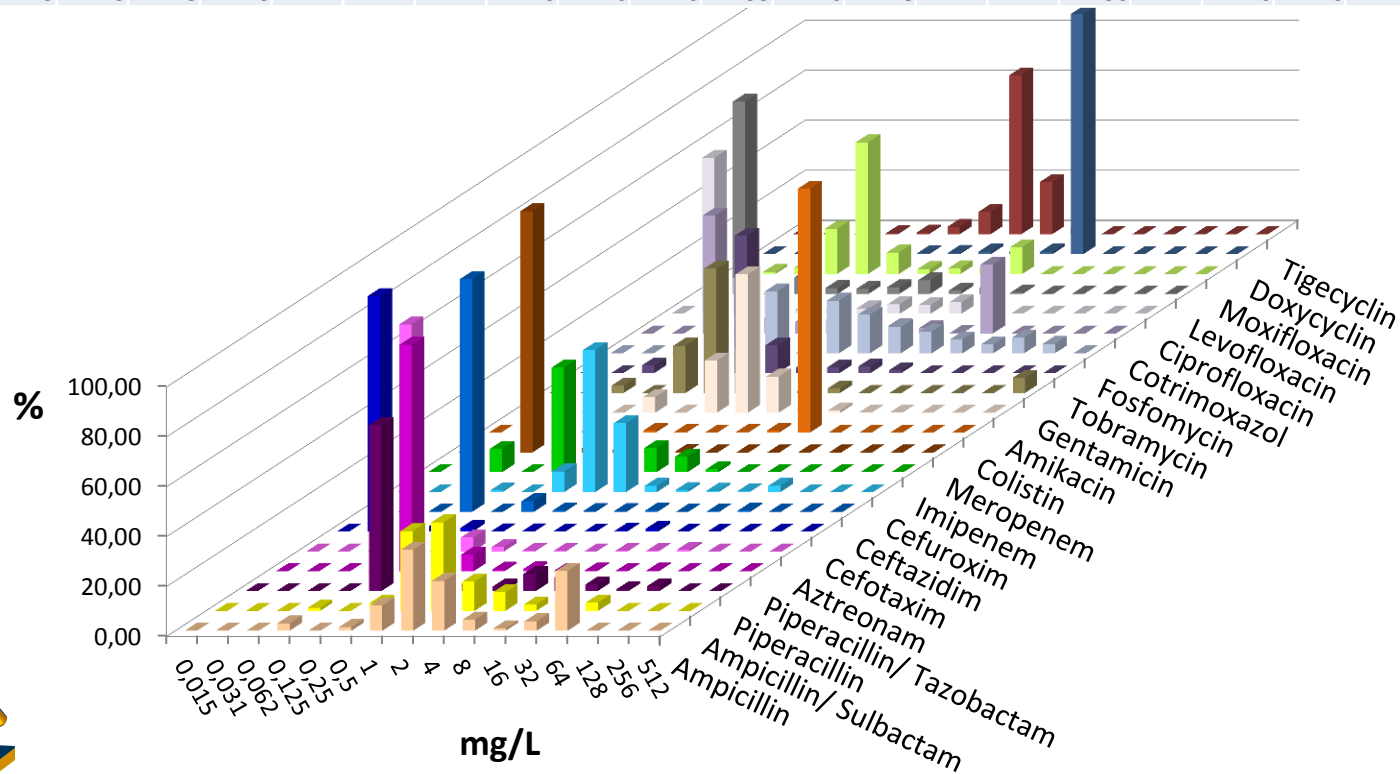
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ZENTRUM FÜR  
INFEKTIONSMEDIZIN

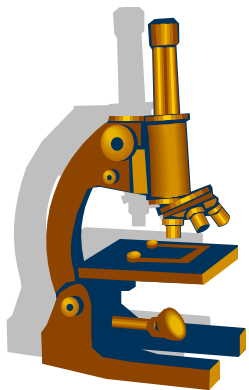
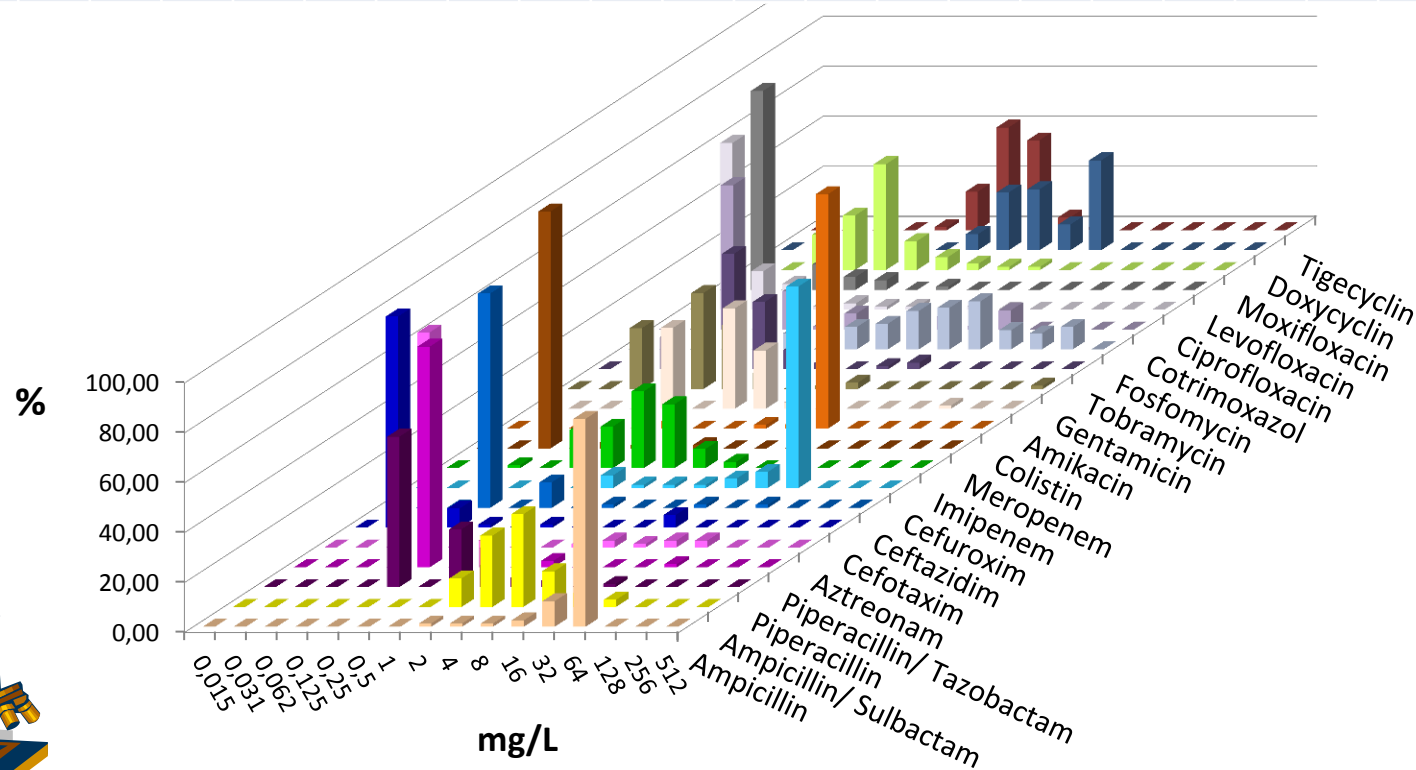
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n	607	572	608	608	554	608	608	608	608	607	502	606	608	608	607	608	608	608	608	608	608
S	71	91	89	99	98	99	98	97	9	100	1	99	91	94	86	67	85	88	74		
I			5	0	1	0	0		90	0		1	1	2		3	1	3			
R	29	9	5	0	1	1	1	3	0	0	99	0	8	4	14	30	14	10	26		100



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	AMP	ASU	PIP	PIT	AZT	CTX	CAZ	CFX	IMP	MER	COL	AMK	GEN	TOB	FOS	SXT	CIP	LEV	MOX	DOX	TIG
n	78	70	78	78	72	78	78	78	78	78	65	77	78	78	78	78	78	78	78	78	78
S	4	77	99	99	89	95	96	9	1	100	3	99	95	96	77	82	94	99	78		
I			0	0	1	0	1		99	0		0	1	0		4	3	0			
R	96	23	1	1	10	5	3	91	0	0	97	1	4	4	23	14	4	1	22		100



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## Morganella morganii



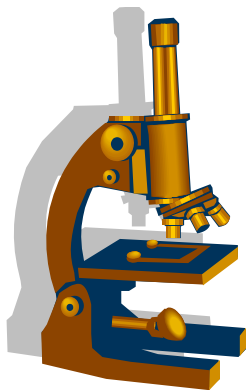
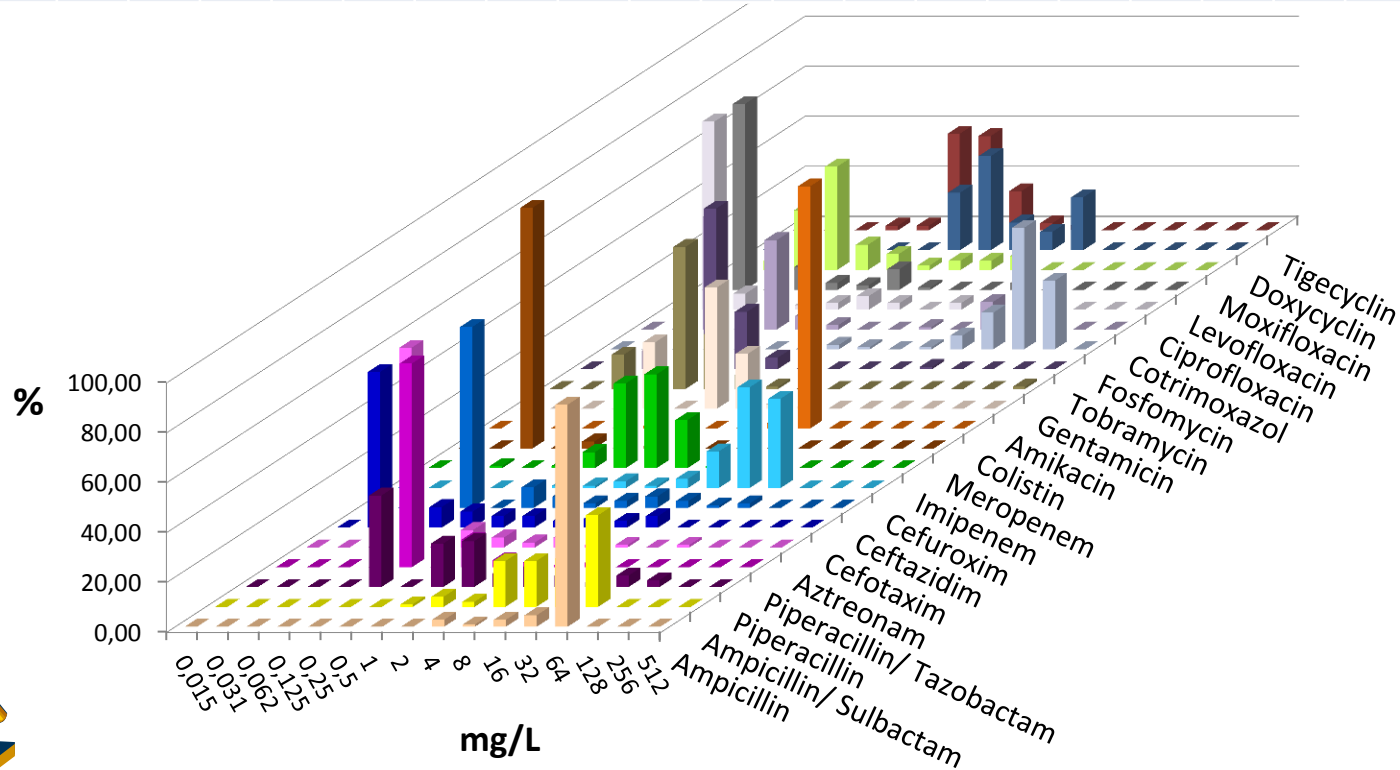
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ZENTRUM FÜR  
INFEKTIONSMEZIN

	AMP	ASU	PIP	PIT	AZT	CTX	CAZ	CFX	IMP	MER	COL	AMK	GEN	TOB	FOS	SXT	CIP	LEV	MOX	DOX	TIG
n	109	98	109	109	100	109	109	109	109	109	98	109	109	109	109	109	109	109	109	109	109
S	4	26	86	98	91	86	85	9	1	100	1	100	99	99	9	88	86	88	79		
I			5	2	6	3	2		99	0		0	0	0		0	3	8			
R	96	74	9	0	3	11	13	91	0	0	99	0	1	1	91	12	11	4	21		100



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## Providencia rettgeri



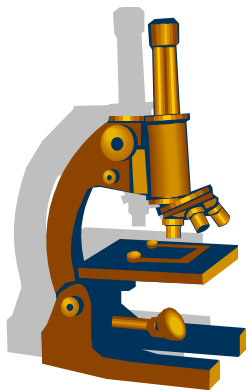
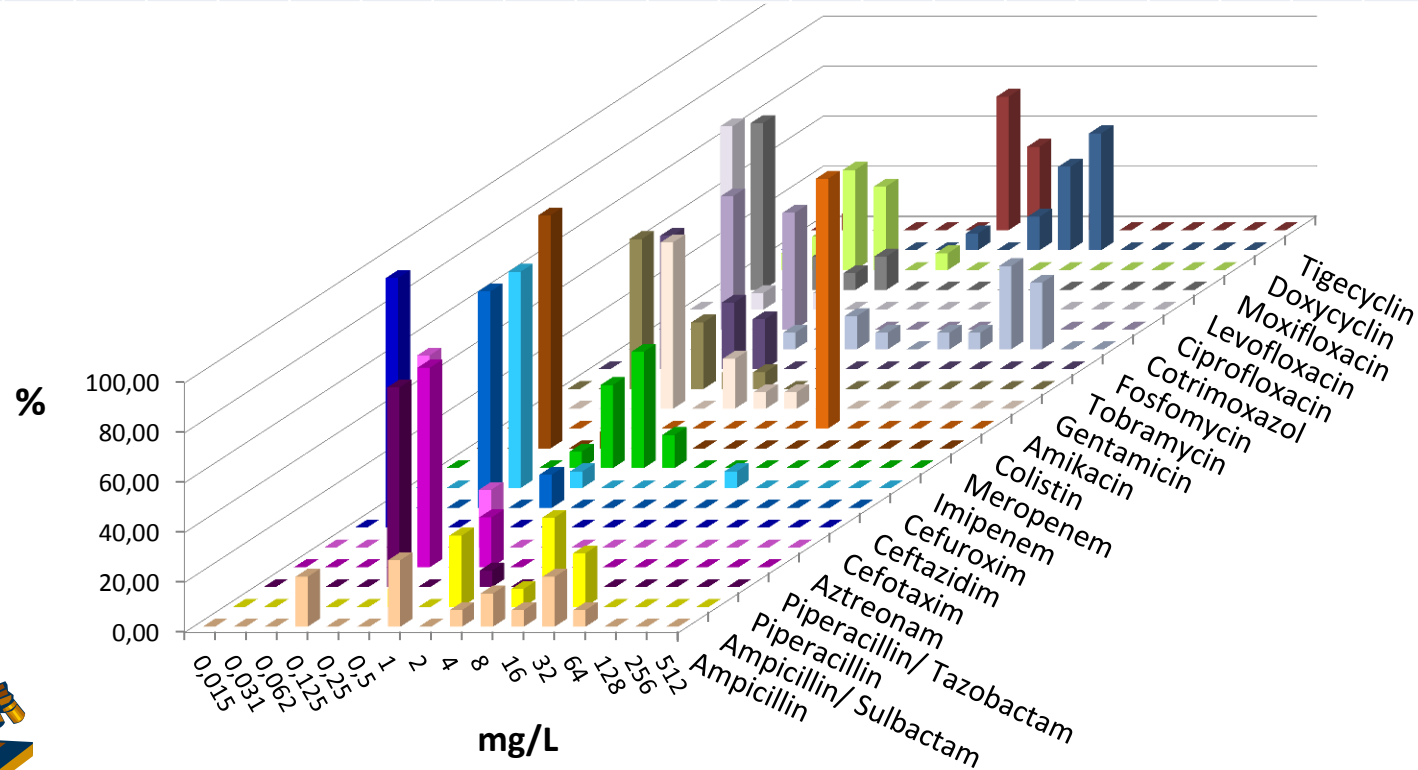
Universitätsklinikum  
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ZENTRUM FÜR  
INFEKTIONSMEZIN

	AMP	ASU	PIP	PIT	AZT	CTX	CAZ	CFX	IMP	MER	COL	AMK	GEN	TOB	FOS	SXT	CIP	LEV	MOX	DOX	TIG
n	15	14	15	15	13	15	15	15	15	15	13	15	15	15	15	15	15	15	15	15	15
S	67	43	100	100	100	100	100	93	0	100	0	100	100	100	40	100	100	100	93		
I			0	0	0	0	0		100	0		0	0	0		0	0	0			
R	33	57	0	0	0	0	0	7	0	0	100	0	0	0	60	0	0	0	7		100



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## Serratia marcescens



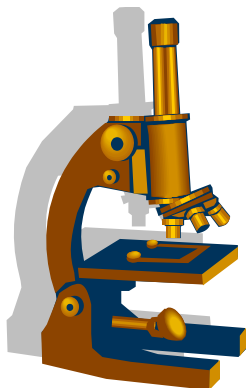
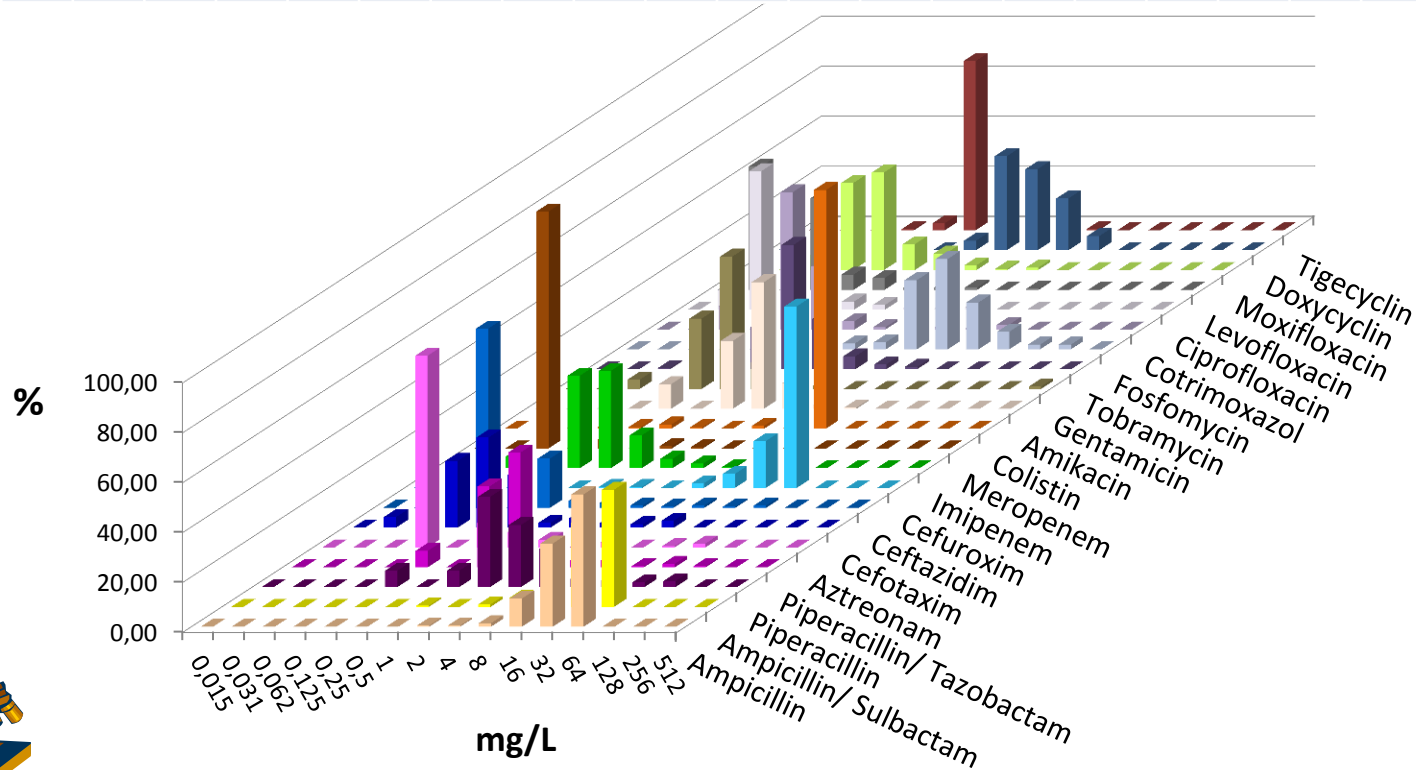
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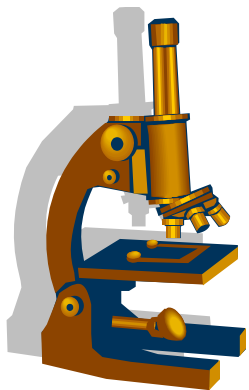
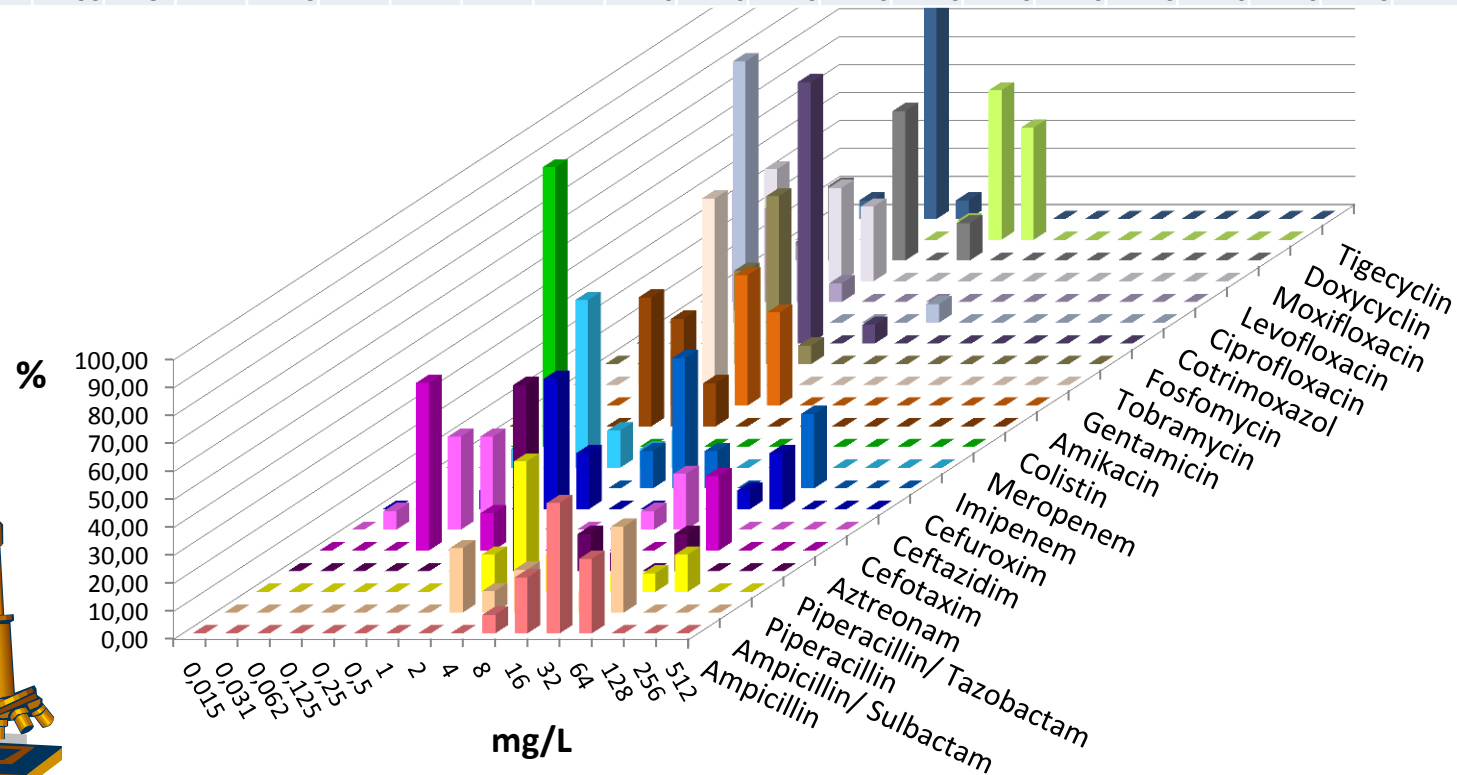
ZENTRUM FÜR  
INFEKTIONSMEZIN

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n	213	198	213	213	194	213	213	213	213	213	178	213	213	213	213	213	213	213	213	213	213	
S	2	5	90	95	93	90	94	3	98	100	3	100	98	92	89	94	92	97	80		93	
I			3	3	3	4	2		2	0		0	1	5		3	3	1				5
R	98	95	7	2	4	6	4	97	0	0	97	0	1	3	11	3	4	2	20			1



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	AMP	ASU	PIP	PIT	AZT	CTX	CAZ	CFX	IMP	MER	COL	AMK	GEN	TOB	FOS	SXT	CIP	LEV	MOX	DOX	TIG	
n	15	13	15	15	15	15	15	15	15	15	13	15	15	15	15	15	15	15	15	15	15	
S	7	46	73	80	73	73	73	73	100	100	100	100	100	100	100	93	100	100	87		100	
I			0	7	0	0	0		0	0		0	0	0		7	0	0				0
R	93	54	27	13	27	27	27	27	0	0	0	0	0	0	0	0	0	0	0	13		0



# UKL 2018

## Citrobacter freundii



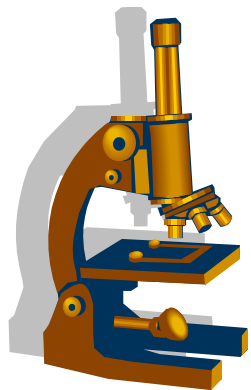
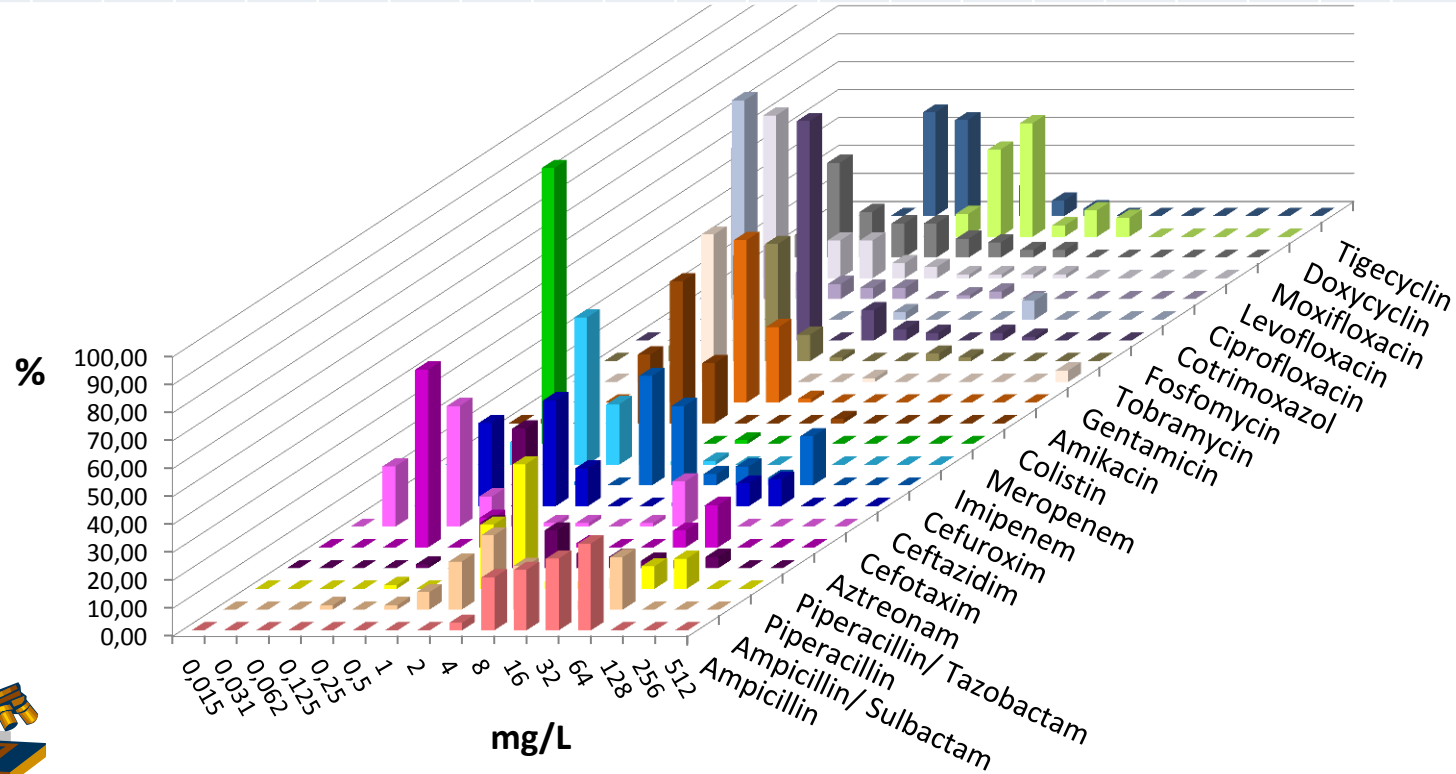
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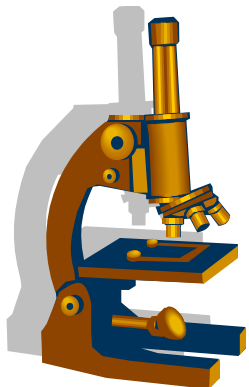
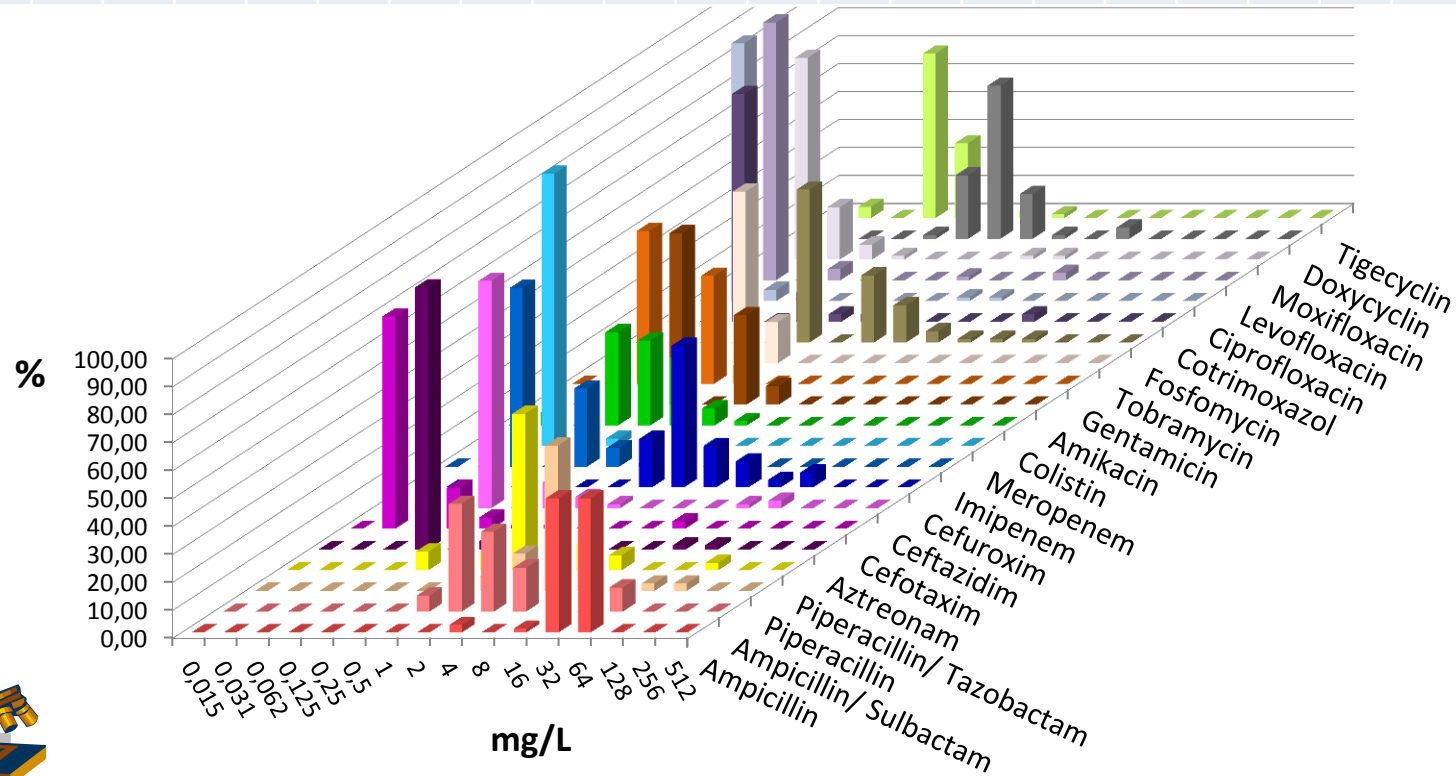
ZENTRUM FÜR  
INFEKTIONSMEDIZIN

	AMP	ASU	PIP	PIT	AZT	CTX	CAZ	CFX	IMP	MER	COL	AMK	GEN	TOB	FOS	SXT	CIP	LEV	MOX	DOX	TIG
n	74	64	74	74	66	74	74	74	74	74	65	74	74	74	74	74	74	74	74	74	73
S	22	69	74	86	77	81	81	73	99	99	98	100	95	96	99	93	88	91	70		92
I			3	4	2	1	0		1	1		0	0	0		0	4	4			5
R	78	31	23	9	21	18	19	27	0	0	2	0	5	4	1	7	8	5	30		3



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	AMP	ASU	PIP	PIT	AZT	CTX	CAZ	CFX	IMP	MER	COL	AMK	GEN	TOB	FOS	SXT	CIP	LEV	MOX	DOX	TIG
n	75	70	75	75	65	75	75	75	75	75	66	75	75	75	75	75	75	75	75	75	75
S	3	89	72	92	97	97	95	83	100	100	100	100	100	100	99	97	97	96	97		96
I			21	5	0	0	1		0	0		0	0	0		0	0	0			
R	97	11	7	3	3	3	4	17	0	0	0	0	0	0	1	3	3	4	3		4





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## Citrobacter werkmanii



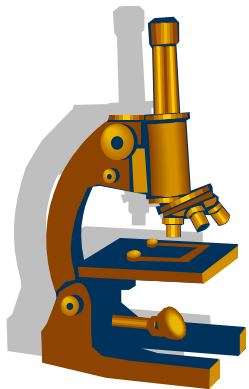
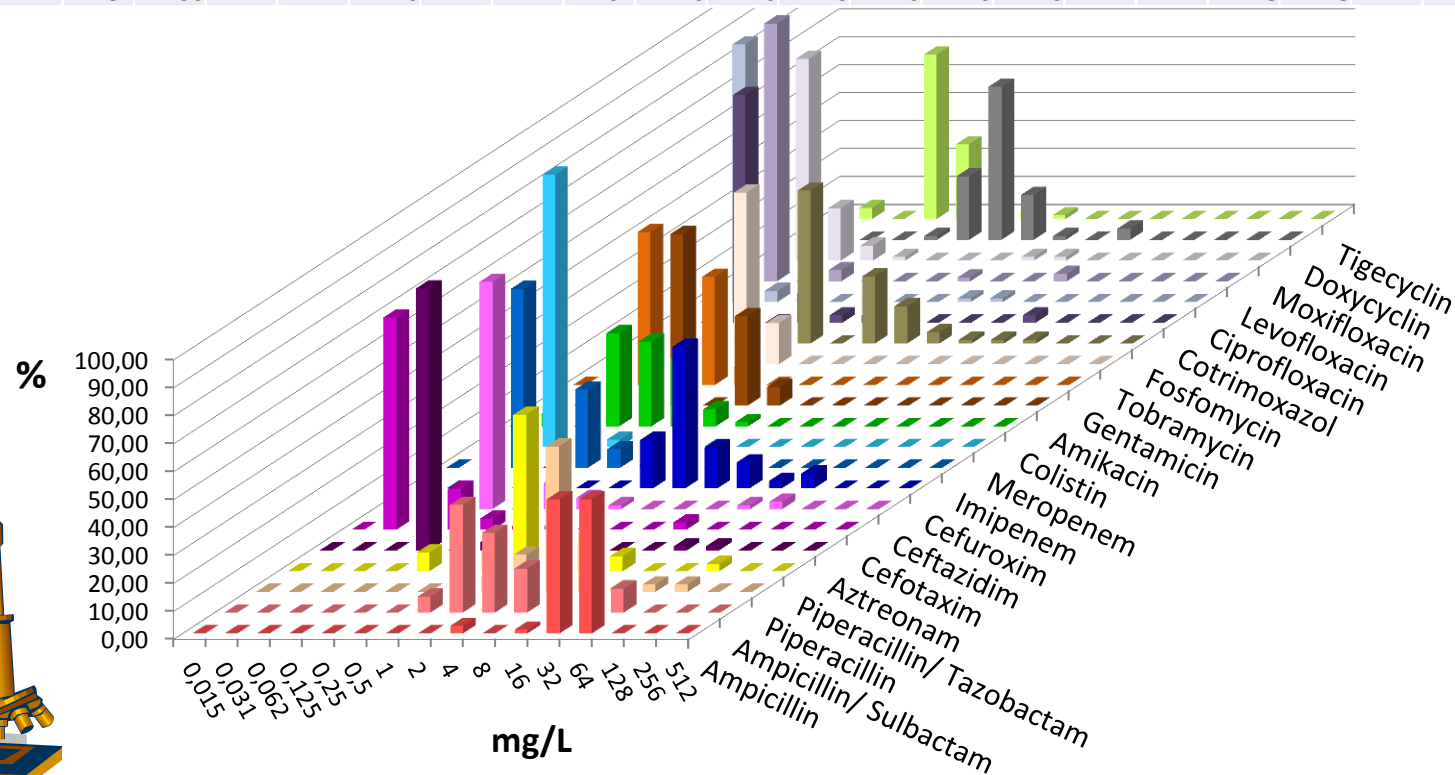
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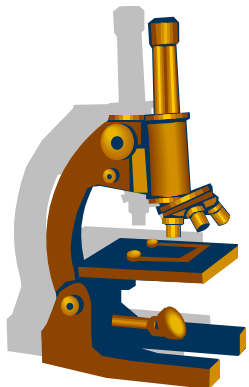
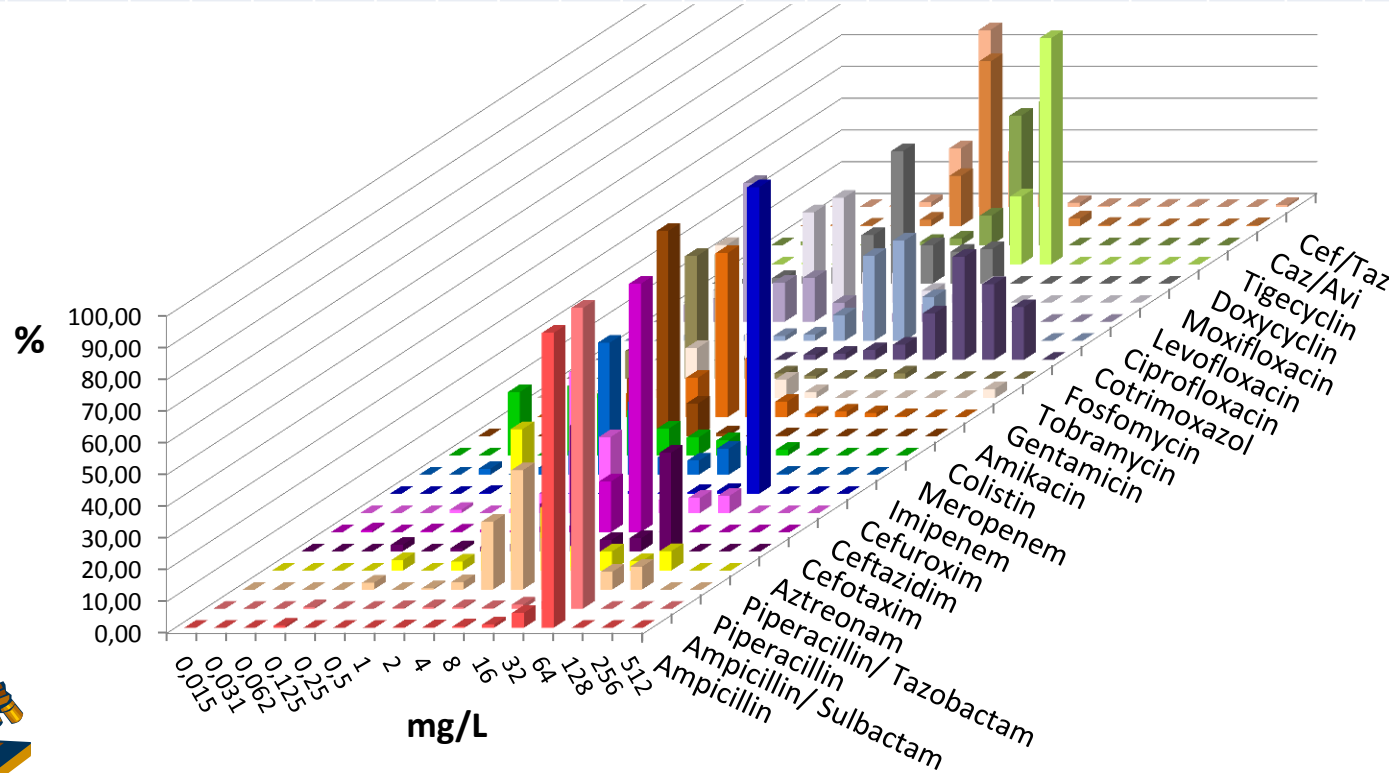
ZENTRUM FÜR  
INFEKTIONSMEZIN

	AMP	ASU	PIP	PIT	AZT	CTX	CAZ	CFX	IMP	MER	COL	AMK	GEN	TOB	FOS	SXT	CIP	LEV	MOX	DOX	TIG
n	25	23	25	25	23	25	25	25	25	25	23	25	25	25	25	25	25	25	25	25	25
S	16	70	72	76	74	72	64	68	100	100	100	100	100	100	96	96	88	88	76		100
I			4	12	0	4	12		0	0		0	0	0		0	4	4			0
R	84	30	24	12	26	24	24	32	0	0	0	0	0	0	4	4	8	8	24		0

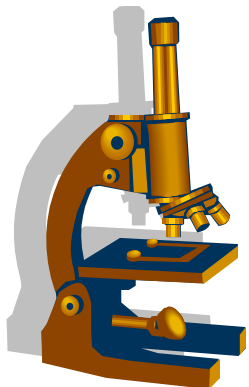
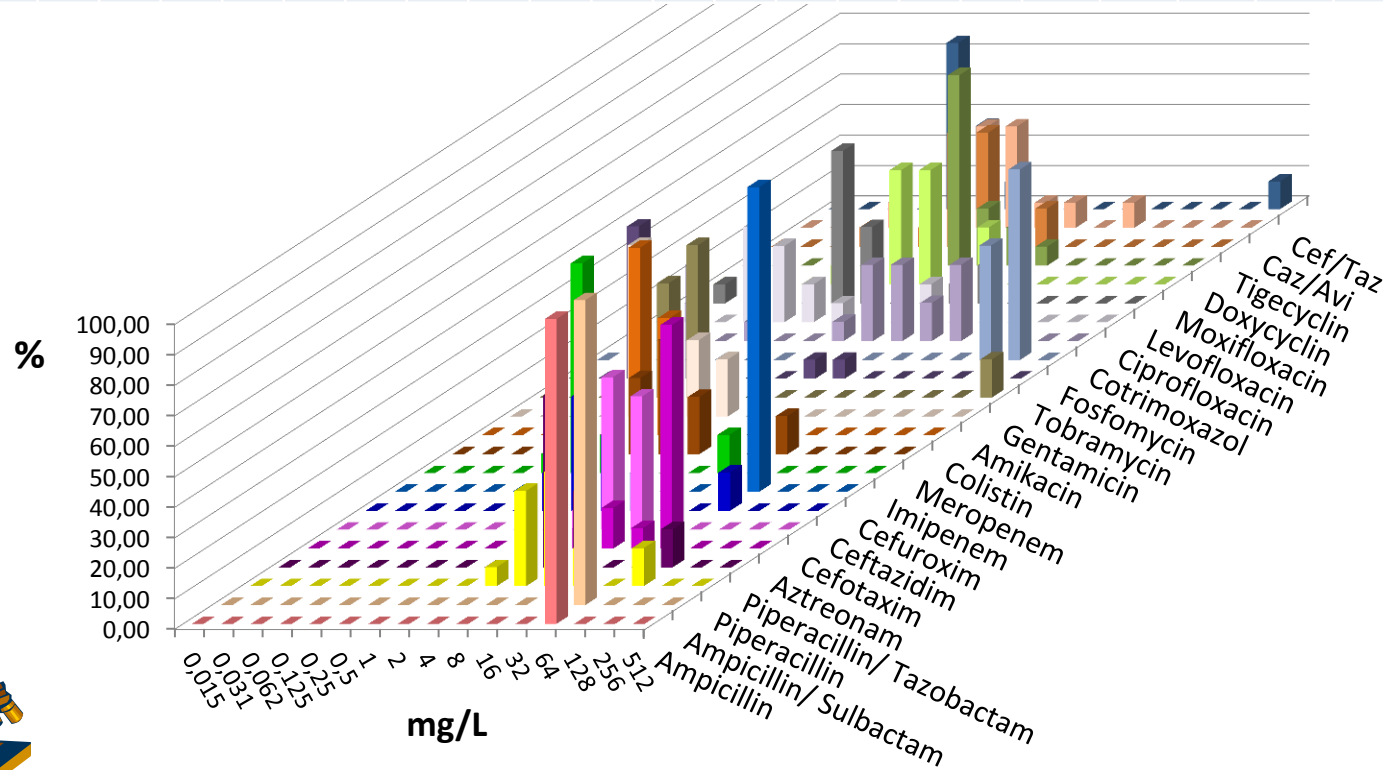


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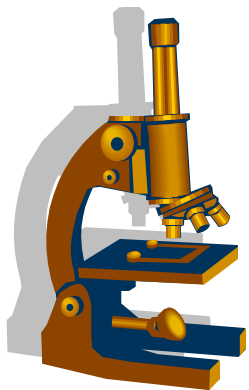
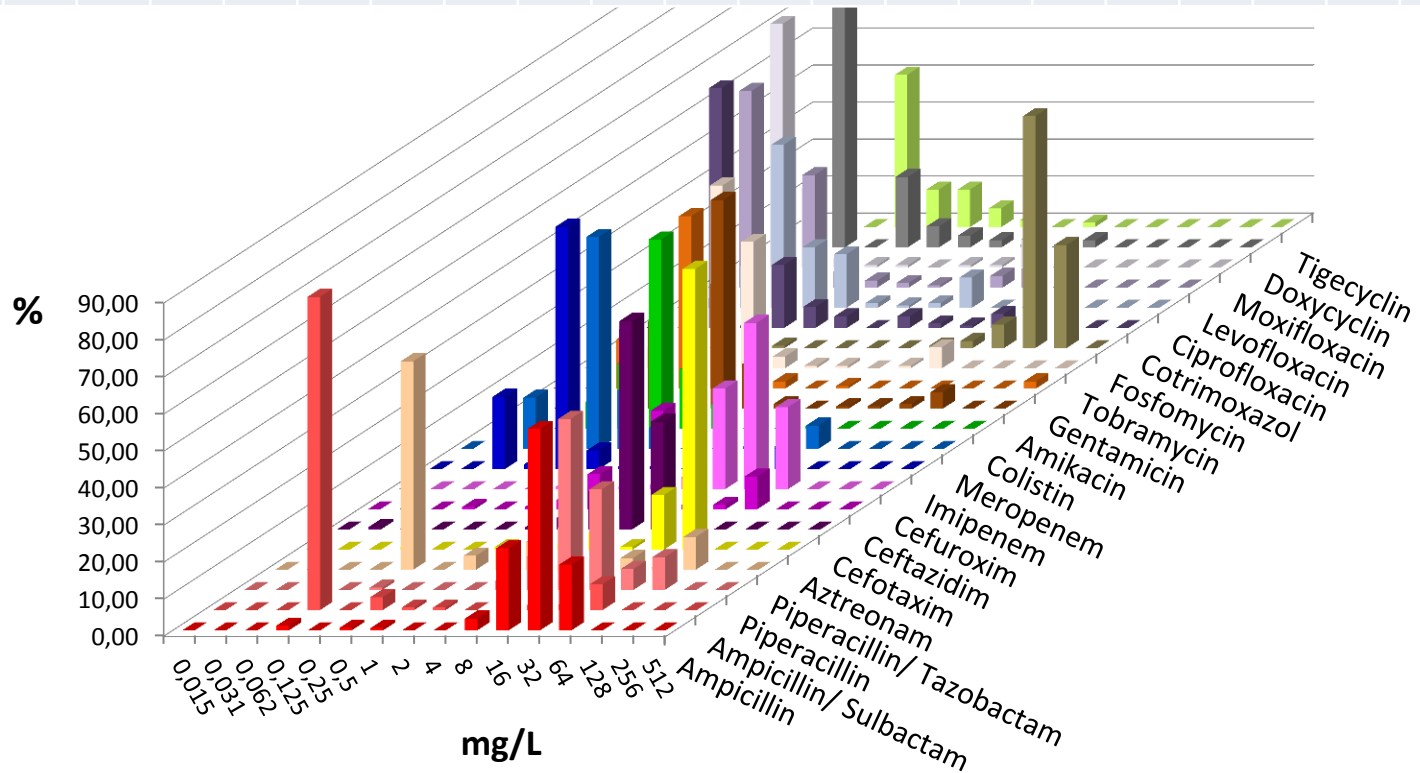
	AMP	ASU	PIP	PIT	AZT	CTX	CAZ	CFX	IMP	MER	COL	AMK	GEN	TOB	FOS	SXT	CIP	LEV	MOX	DOX	TIG	Caz/Avi	Cef/Taz
n	785	716	787	788	728	788	786	788	788	788	682	788	788	787	787	788	788	787	788	788	787	764	760
S			80	85	65		86		81	84	98	95	95	97			82	79				99	99
I										11		1											
R			20	15	35		14		19	5	2	4	5	3			18	21				1	1



	AMP	ASU	PIP	PIT	AZT	CTX	CAZ	CFX	IMP	MER	COL	AMK	GEN	TOB	FOS	SXT	CIP	LEV	MOX	DOX	TIG	Caz/Avi	Cef/Taz
n	16	15	16	16	15	16	16	16	16	16	13	16	16	16	16	16	16	16	16	16	16	12	11
S			75	88	20		88		88	69	100	100	88	94			75	81				92	91
I										19		0											
R			25	13	80		13		13	13	0	0	13	6			25	19				8	9



	AMP	ASU	PIP	PIT	AZT	CTX	CAZ	CFX	IMP	MER	COL	AMK	GEN	TOB	FOS	SXT	CIP	LEV	MOX	DOX	TIG
n	158	143	158	158	149	158	158	158	159	159	137	158	159	158	158	159	159	158	158	158	158
S									92	92	99	93	93	94		91	14	90			
I									0	1		1				3	76	1			
R									8	7	1	6	3	6		6	10	9			



# UKL 2018

# Stenotrophomonas maltophilia



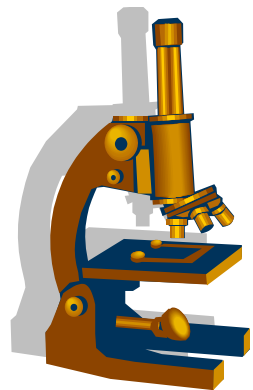
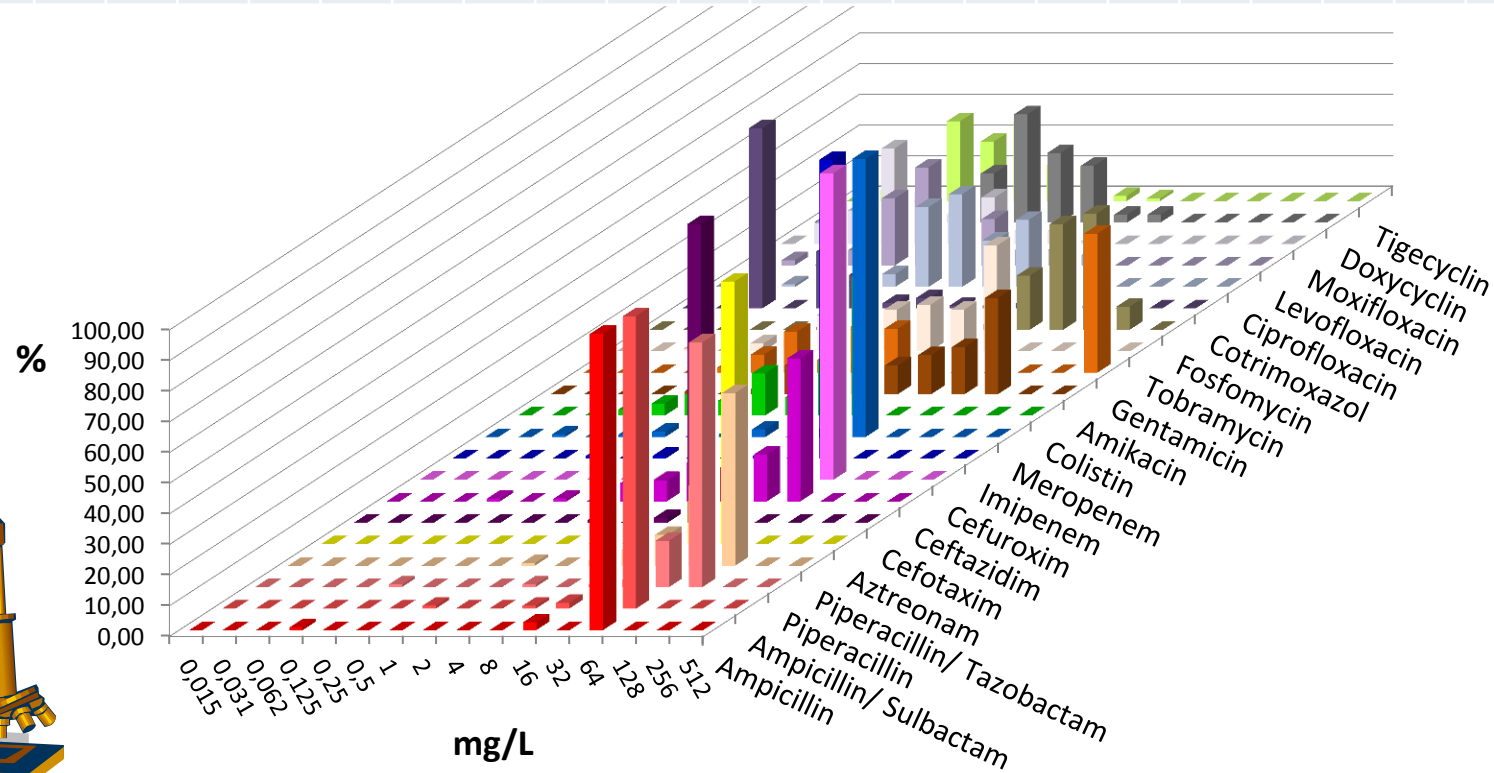
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INFEKTIONSMEDIZIN

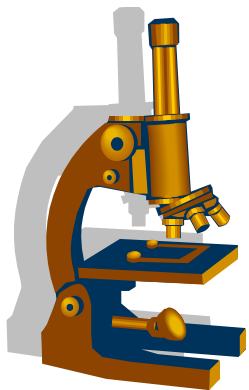
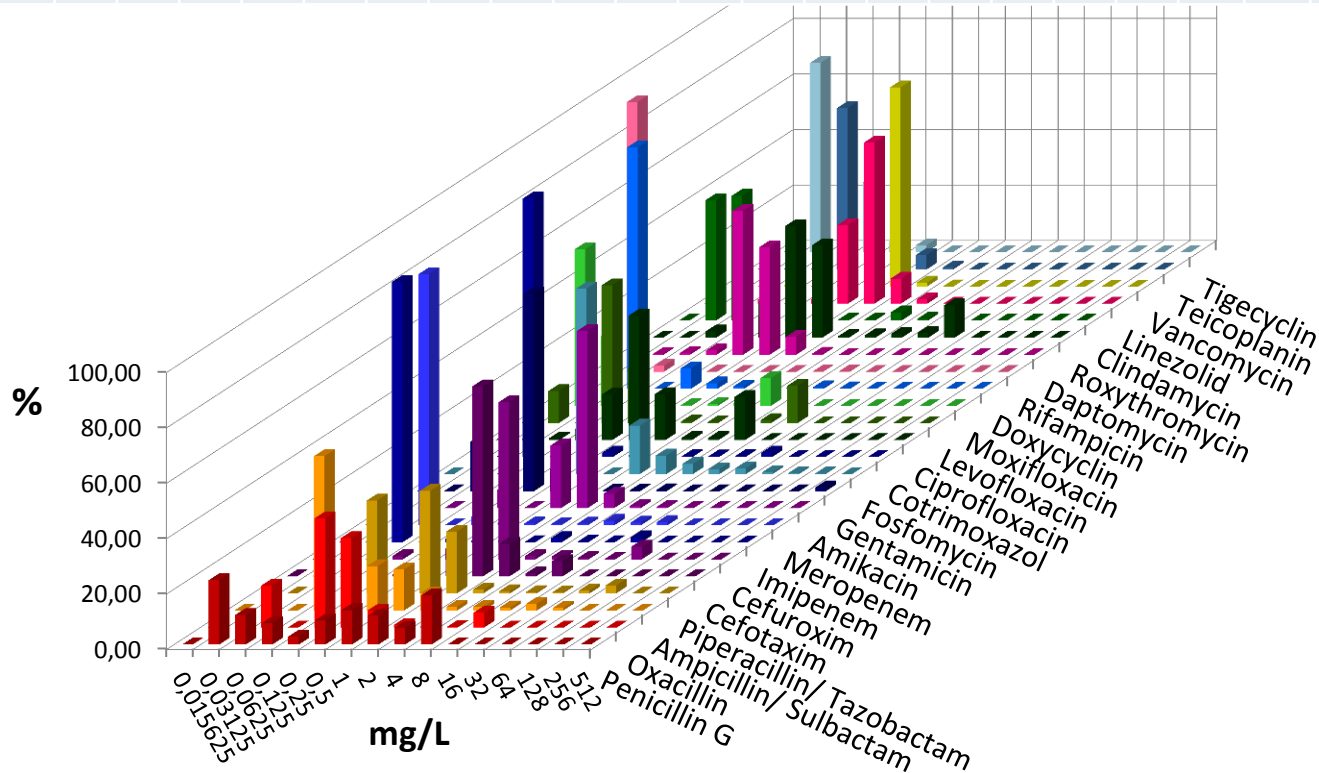
	AMP	ASU	PIP	PIT	AZT	CTX	CAZ	CFX	IMP	MER	COL	AMK	GEN	TOB	FOS	SXT	CIP	LEV	MOX	DOX	TIG
n	118	108	119	119	112	119	118	119	119	119	102	118	119	119	119	119	119	119	119	119	119
S																	94				
I																					
R																					
																	6				



# UKL 2018

## Staphylococcus aureus

	PEN	OXA	ASU	PIT	CTX	CXM	IMP	MER	AMK	GEN	FOS	SXT	CIP	LEV	MOX	DOX	RIF	DAP	ROX	CLI	LIN	VAN	TPL	TIG
n	2233	2234	2003	2234	2234	2234	2233	2234	2232	2234	2234	2231	2234	2233	2234	2234	2179	1932	2234	2232	2234	2234	2234	1663
S	42	94							99	98	99	97	83	84	84	97	99	100	84	95	100	100	100	100
I									0			0					1	0		1	0			
R	58	6							0	2	1	2	17	16	16	1	0	0	16	4	0	0	0	0



# UKL 2018

## Staphylococcus lugdunensis



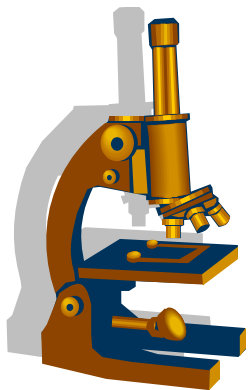
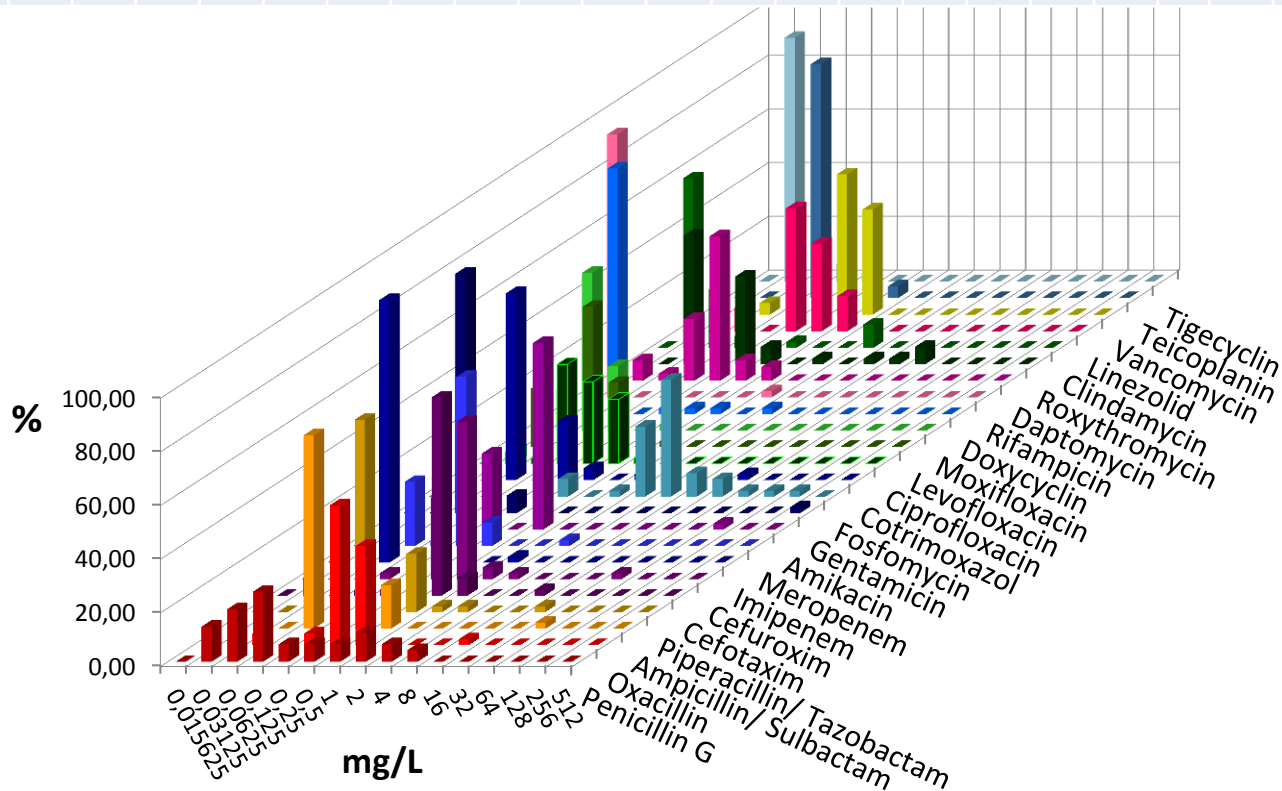
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ZENTRUM FÜR  
INFEKTIONSMEZIN

	PEN	OXA	ASU	PIT	CTX	CXM	IMP	MER	AMK	GEN	FOS	SXT	CIP	LEV	MOX	DOX	RIF	DAP	ROX	CLI	LIN	VAN	TPL	TIG
n	46	46	43	46	46	46	46	46	46	46	46	46	46	46	46	46	45	39	46	46	46	46	46	32
S		9							98	98	93	98	100	100	98	98	98	100	87	89	100	100	100	100
I									0			0					0	0		2	2			
R		91							2	2	7	2	0	0	2	2	2	2	0	11	9	0	0	0





# UKL 2018

## Staphylococcus epidermidis



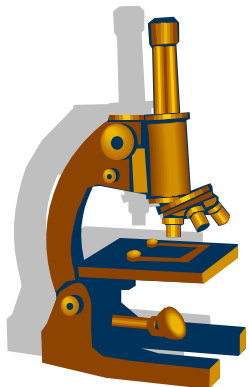
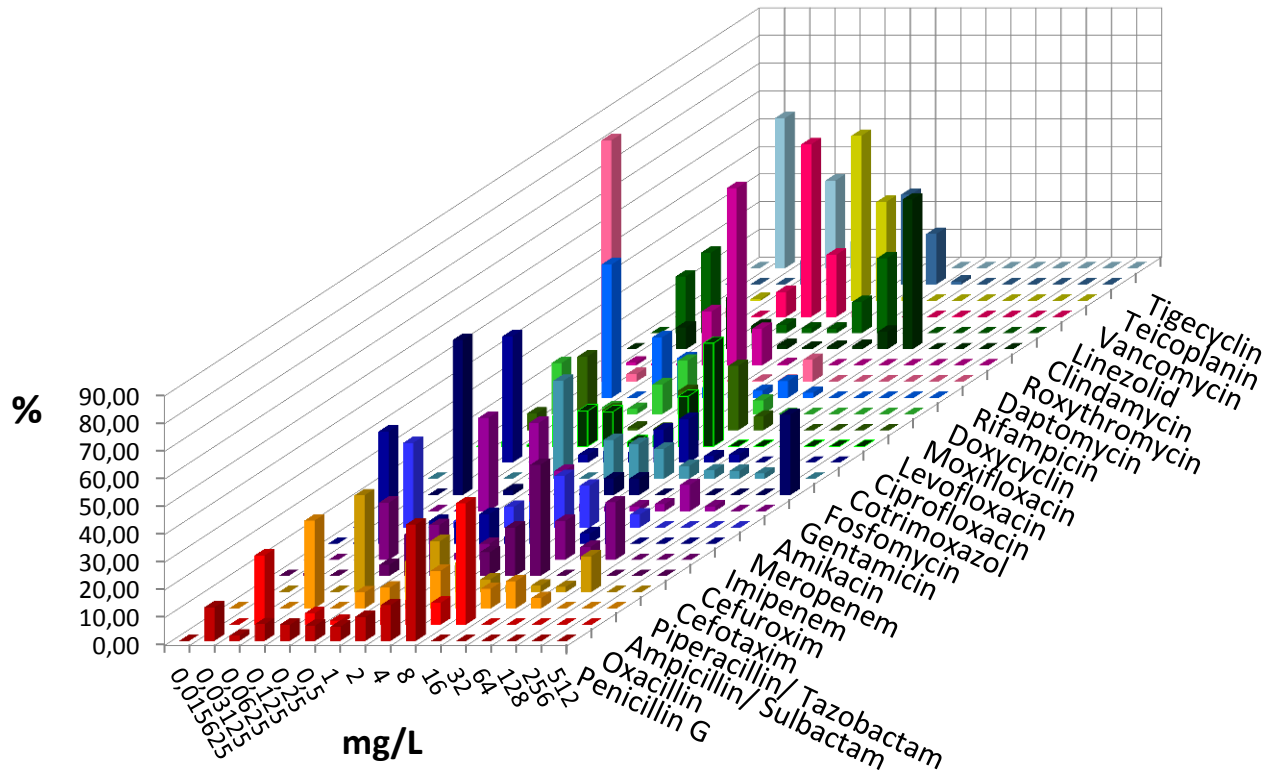
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ZENTRUM FÜR  
INFEKTIONSMEZIN

	PEN	OXA	ASU	PIT	CTX	CXM	IMP	MER	AMK	GEN	FOS	SXT	CIP	LEV	MOX	DOX	RIF	DAP	ROX	CLI	LIN	VAN	TPL	TIG
n	1015	1014	915	1010	1009	1014	1014	1009	1008	1011	1010	1009	1009	1010	1014	1009	977	887	1015	1017	1016	1015	1013	745
S		29							84	59	81	67	41	41	43	88	90	99	37	55	100	100	99	99
I									2			12				1	1		1	3				
R		71							14	41	19	21	59	59	57	11	9	1	62	42	0	0	1	1

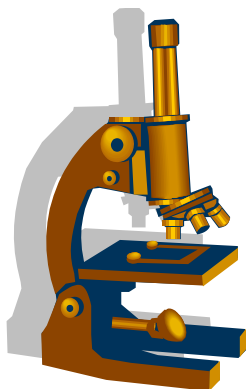
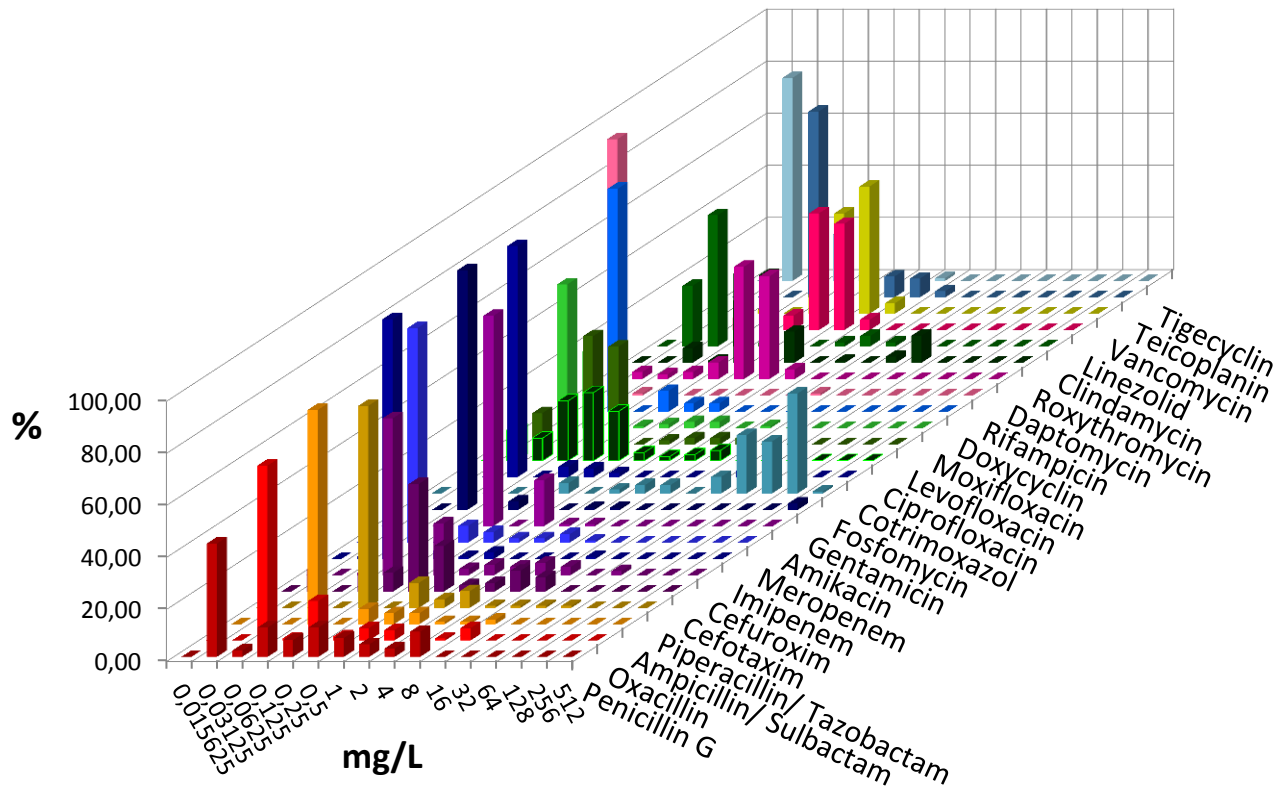


# UKL 2018

## Staphylococcus capitis



	PEN	OXA	ASU	PIT	CTX	CXM	IMP	MER	AMK	GEN	FOS	SXT	CIP	LEV	MOX	DOX	RIF	DAP	ROX	CLI	LIN	VAN	TPL	TIG
n	124	125	119	125	126	126	126	125	125	126	125	125	126	125	125	125	121	109	125	125	125	125	125	95
S		83							100	96	18	98	92	93	93	100	99	96	86	93	100	100	100	99
I									0			0					0	0		0	0			
R		17							0	4	82	2	8	7	7	0	1	4	14	7	0	0	0	1



# UKL 2018

## Staphylococcus haemolyticus



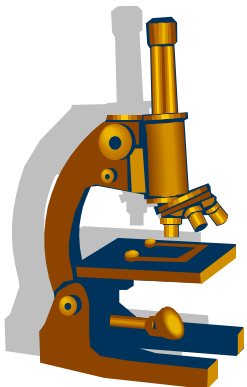
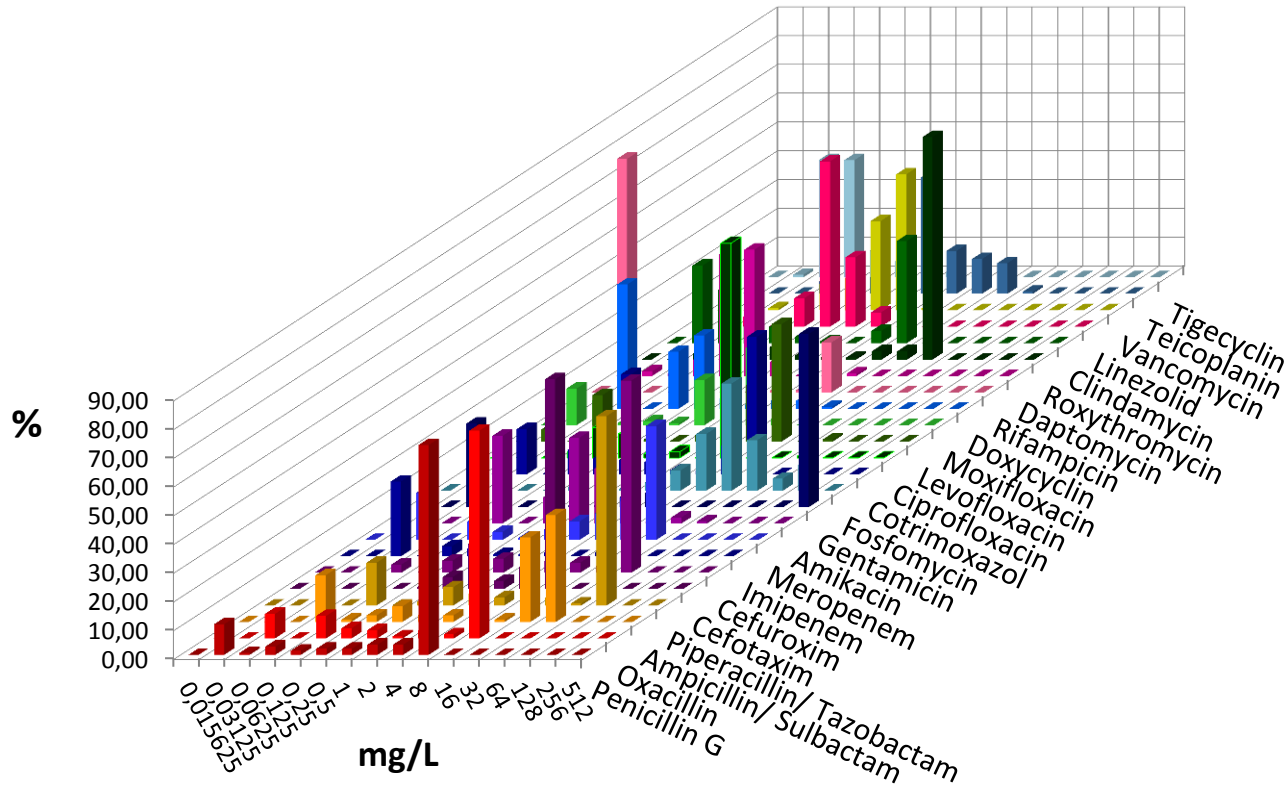
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ZENTRUM FÜR  
INFEKTIONSMEZIN

	PEN	OXA	ASU	PIT	CTX	CXM	IMP	MER	AMK	GEN	FOS	SXT	CIP	LEV	MOX	DOX	RIF	DAP	ROX	CLI	LIN	VAN	TPL	TIG
n	141	141	129	141	141	142	142	141	141	141	142	140	142	142	141	141	138	123	141	141	141	142	141	108
S		16							96	30	69	39	23	23	23	92	81	99	16	57	100	100	77	97
I									1			1				1	0		1	2				
R		84							3	70	31	59	77	77	77	6	19	1	84	40	0	0	23	3



# UKL 2018

## Staphylococcus hominis



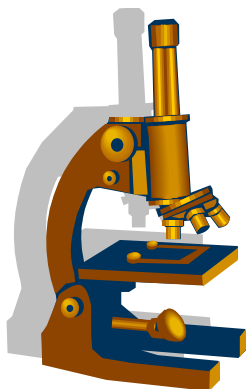
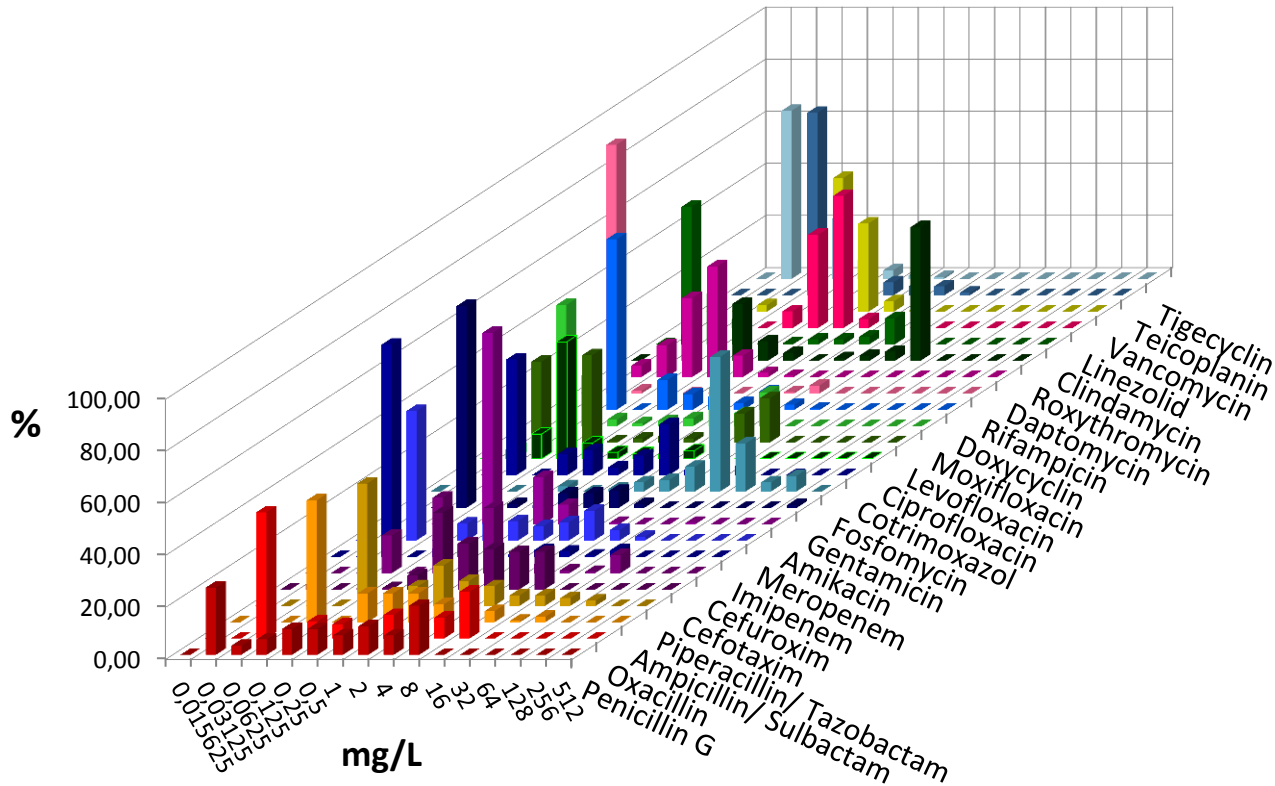
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ZENTRUM FÜR  
INFEKTIONSMEDIZIN

	PEN	OXA	ASU	PIT	CTX	CXM	IMP	MER	AMK	GEN	FOS	SXT	CIP	LEV	MOX	DOX	RIF	DAP	ROX	CLI	LIN	VAN	TPL	TIG
n	201	200	190	200	200	200	200	201	200	200	201	200	200	200	200	200	196	181	201	201	201	201	200	152
S		55							100	86	72	73	69	69	70	88	96	99	42	83	100	100	99	98
I									0			20					3	0		0	0			
R		45							1	15	28	8	32	31	31	10	4	1	58	17	0	0	1	2



# UKL 2018

## Staphylococcus warneri



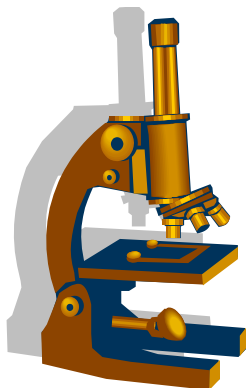
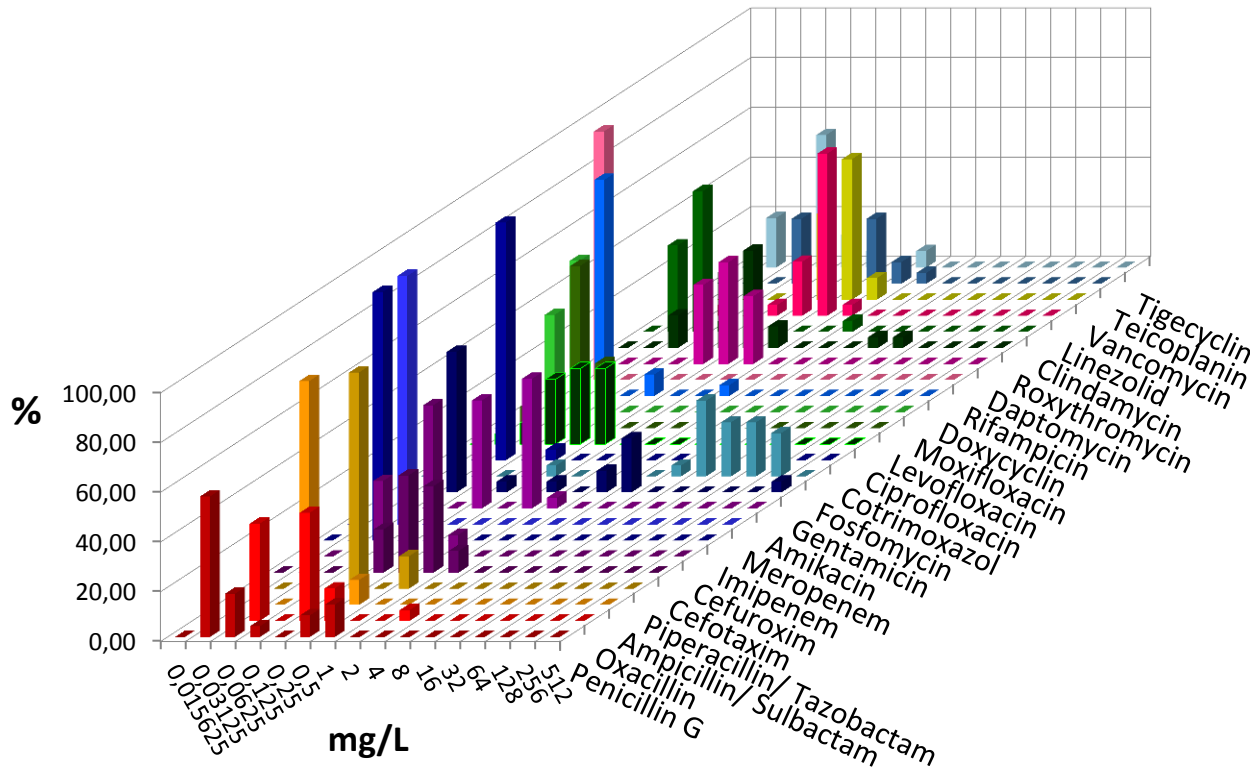
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ZENTRUM FÜR  
INFEKTIONSMEDIZIN

	PEN	OXA	ASU	PIT	CTX	CXM	IMP	MER	AMK	GEN	FOS	SXT	CIP	LEV	MOX	DOX	RIF	DAP	ROX	CLI	LIN	VAN	TPL	TIG	
n	23	23	20	23	23	23	23	23	23	23	23	23	23	23	23	23	22	22	23	23	23	23	23	15	
S		83							100	65	39	100	100	100	100	96	100	100	91	96	100	100	100	93	
I									0			0				4	0		0	0					
R		17							0	35	61	0	0	0	0	0	0	0	0	9	4	0	0	0	7



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# UKL 2018

# Staphylococcus saprophyticus



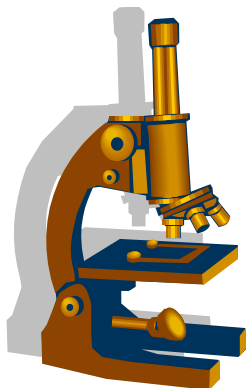
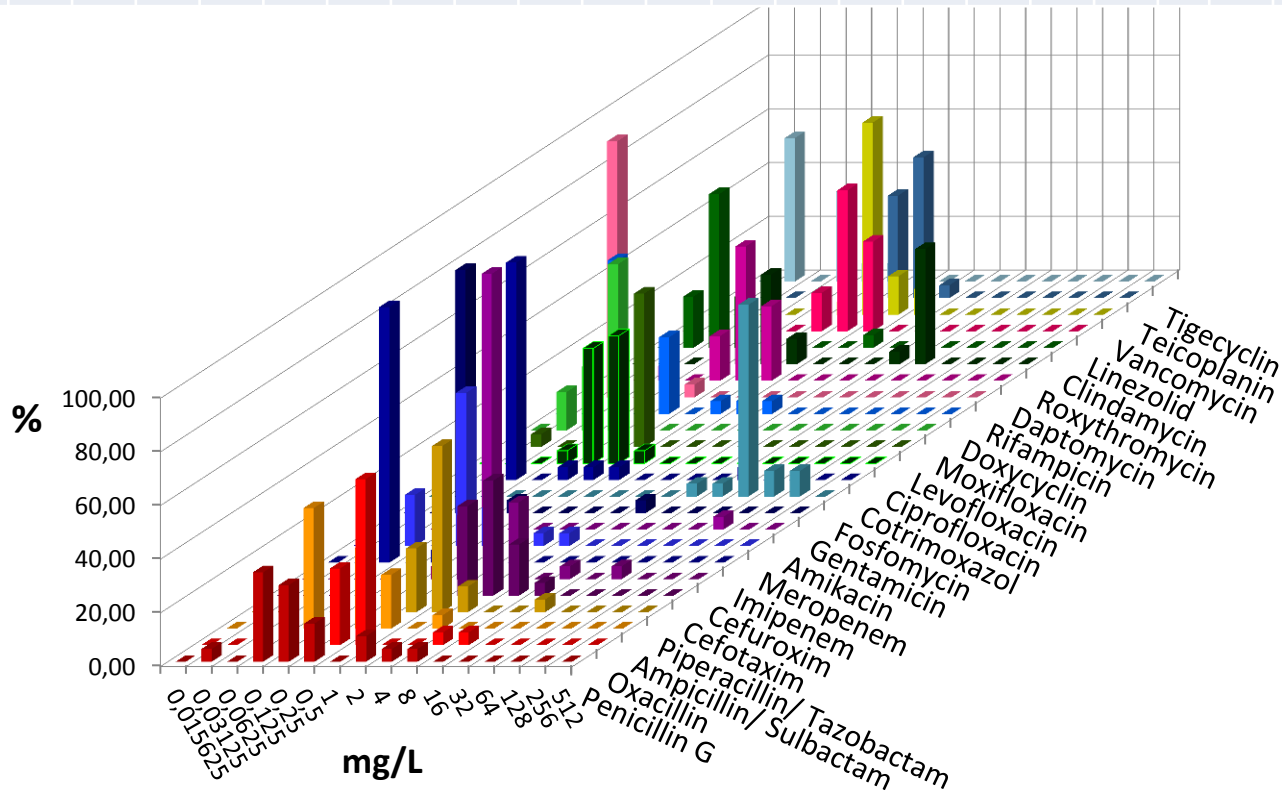
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ZENTRUM FÜR  
INFEKTIONSMEDIZIN

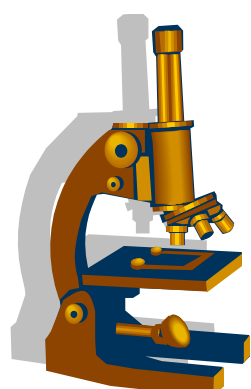
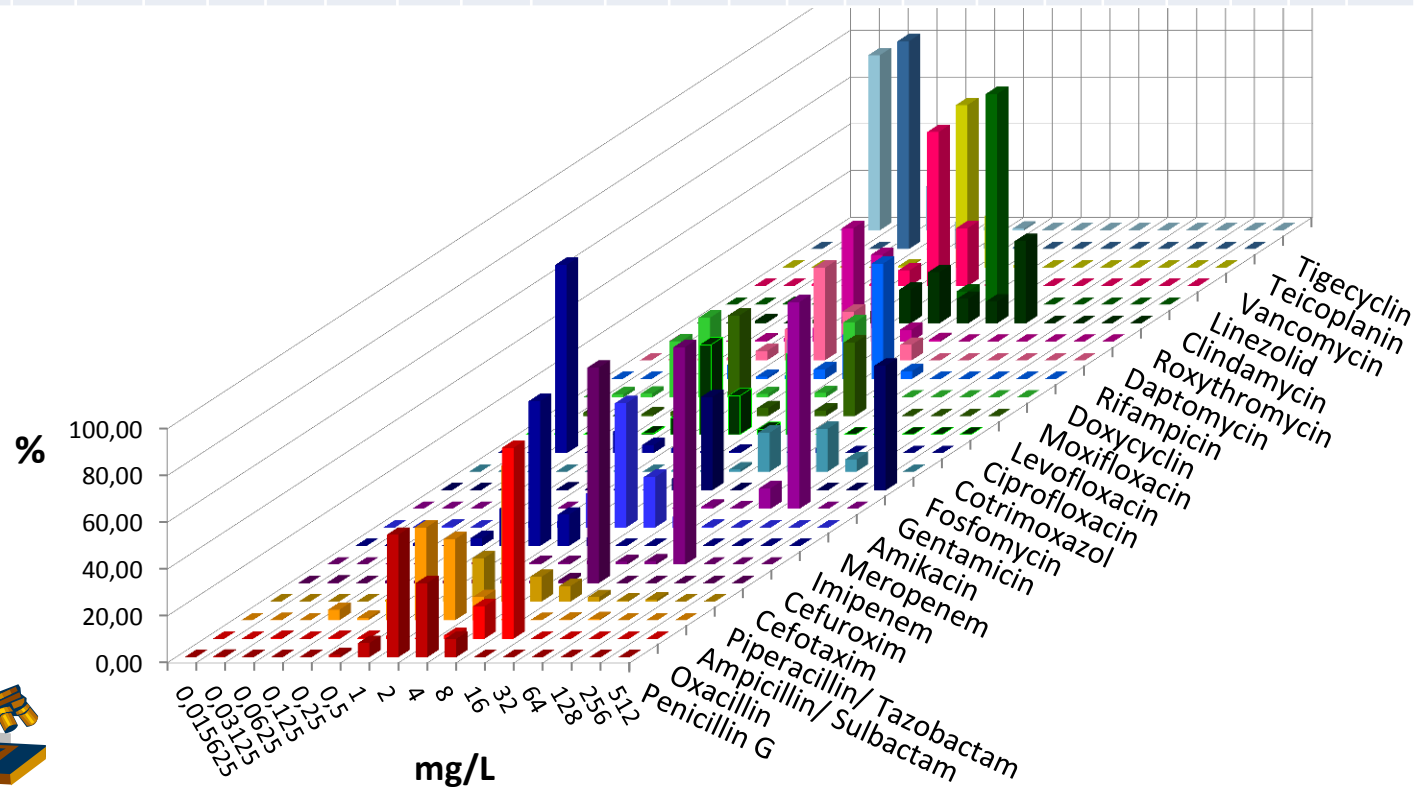
	PEN	OXA	ASU	PIT	CTX	CXM	IMP	MER	AMK	GEN	FOS	SXT	CIP	LEV	MOX	DOX	RIF	DAP	ROX	CLI	LIN	VAN	TPL	TIG
n	21	21	20	21	21	21	21	21	21	21	21	21	21	21	21	21	21	18	21	21	21	21	21	15
S		0							95	95	10	95	100	100	100	90	95	100	52	95	100	100	100	100
I									0			0					5	5		0	0			
R		100							5	5	90	5	0	0	0	5	0	0	48	5	0	0	0	0







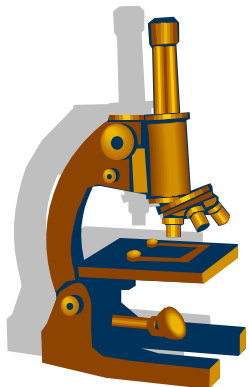
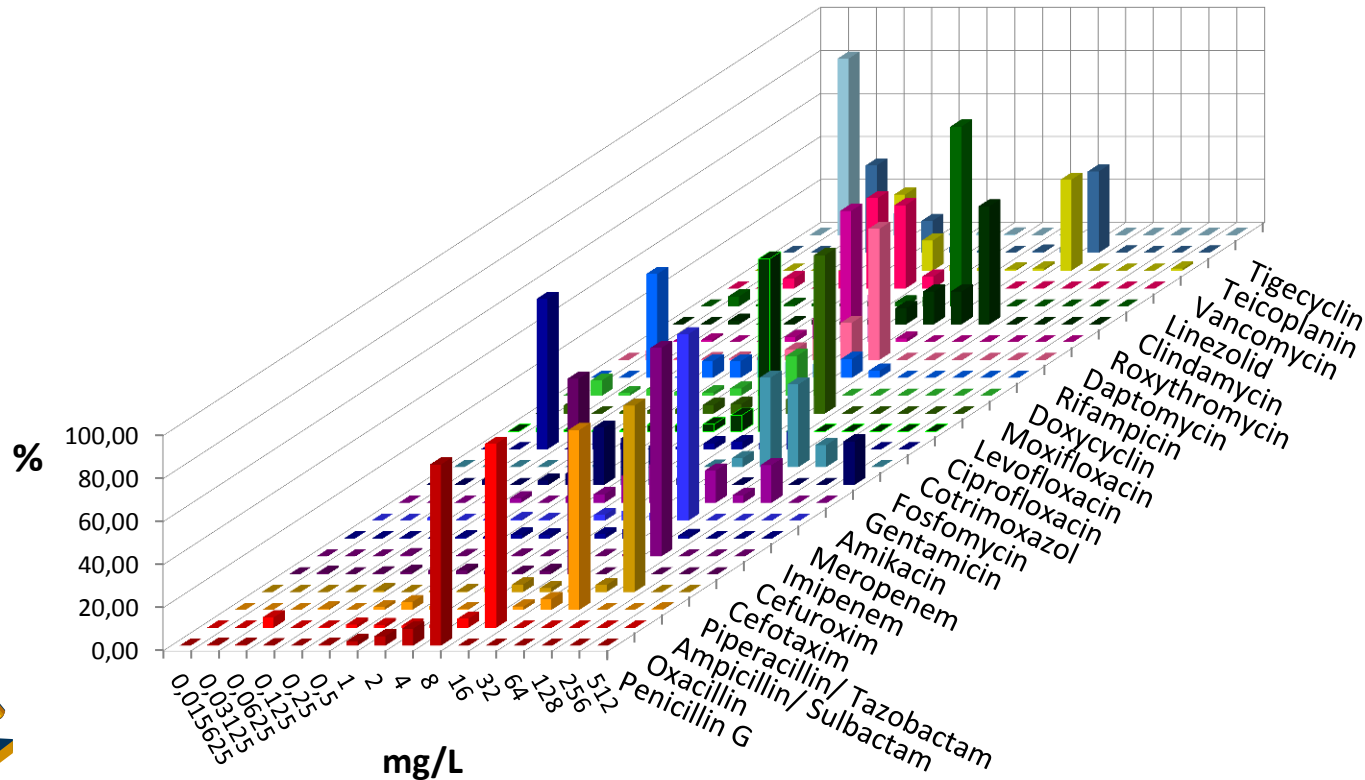
	PEN	OXA	ASU	PIT	CTX	CXM	IMP	MER	AMK	GEN	FOS	SXT	CIP	LEV	MOX	DOX	RIF	DAP	ROX	CLI	LIN	VAN	TPL	TIG	
n	920	920	848	923	923	923	932	923	921	928	923	925	925	921	924	923	903	805	920	918	929	928	926	676	
S			98				99					0									100	100	100	98	
I			1				0					95													
R			1				0					5									0	0	0	2	







	PEN	OXA	ASU	PIT	CTX	CXM	IMP	MER	AMK	GEN	FOS	SXT	CIP	LEV	MOX	DOX	RIF	DAP	ROX	CLI	LIN	VAN	TPL	TIG
n	480	476	438	479	479	479	483	479	480	484	479	478	480	477	478	479	471	415	480	480	483	492	492	360
S			8				6					0									100	55	59	98
I			1				2					81												
R			91				92					19									0	45	41	2



# UKL 2018

## Streptococcus pneumoniae



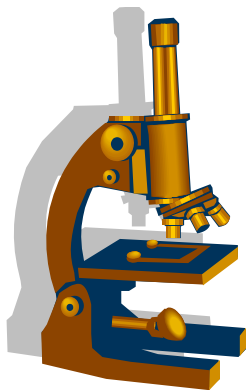
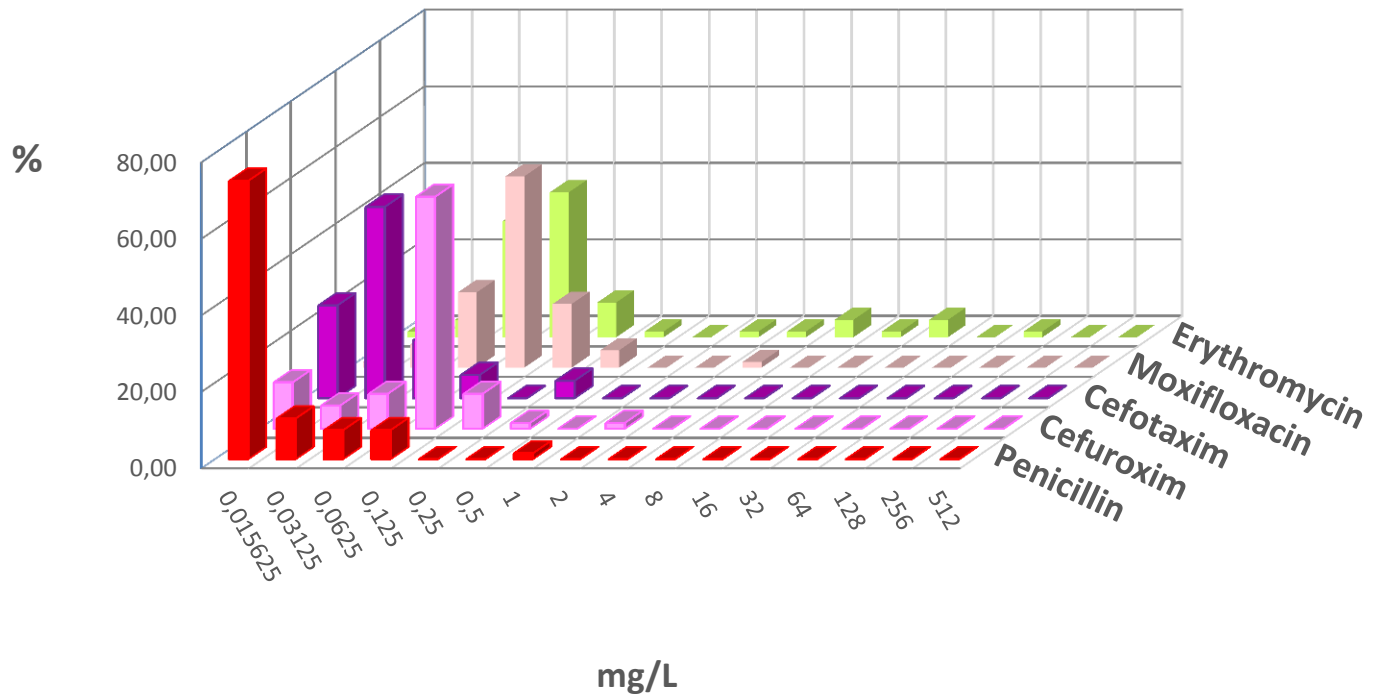
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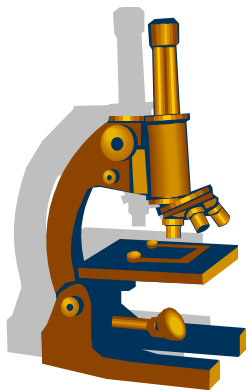
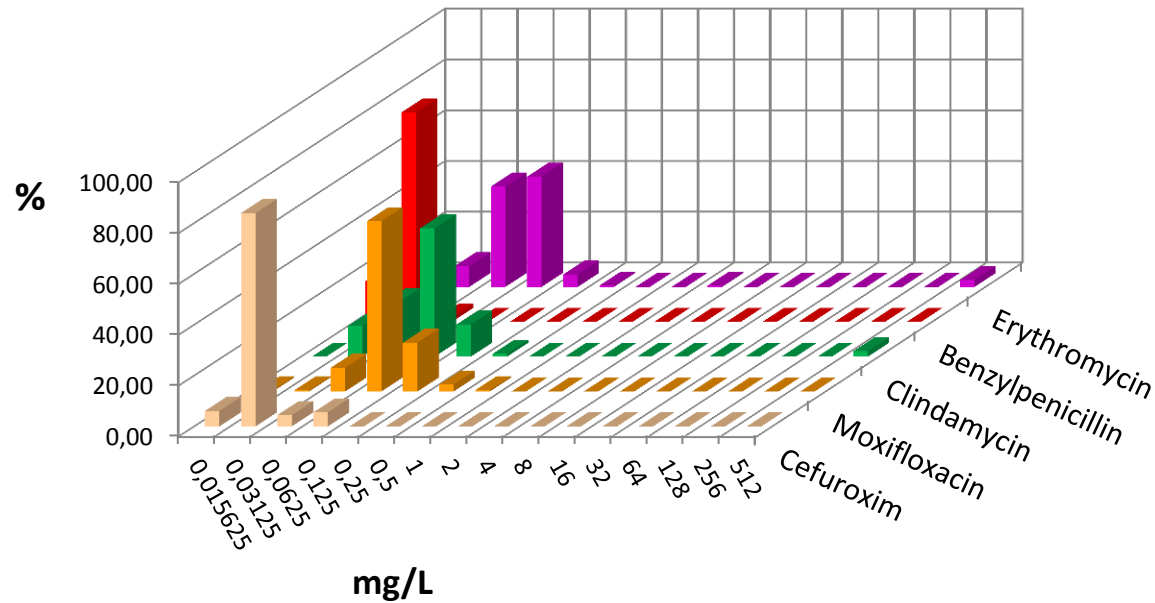


ZENTRUM FÜR  
INFEKTIONSMEZDIN

	PEN	CFX	CTX	MOX	ERY
n	55	54	54	55	55
S	93	98	94	100	91
I	7	2	0		0
R	0	0	6	0	9



	CXM	MOX	CLI	PEN	ROX
n	181	182	182	182	182
S	100	99	98	100	96
I					1
R		1	2	0	3



# UKL 2018

## Streptococcus agalactiae



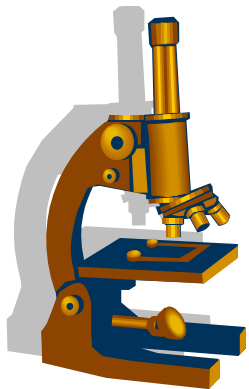
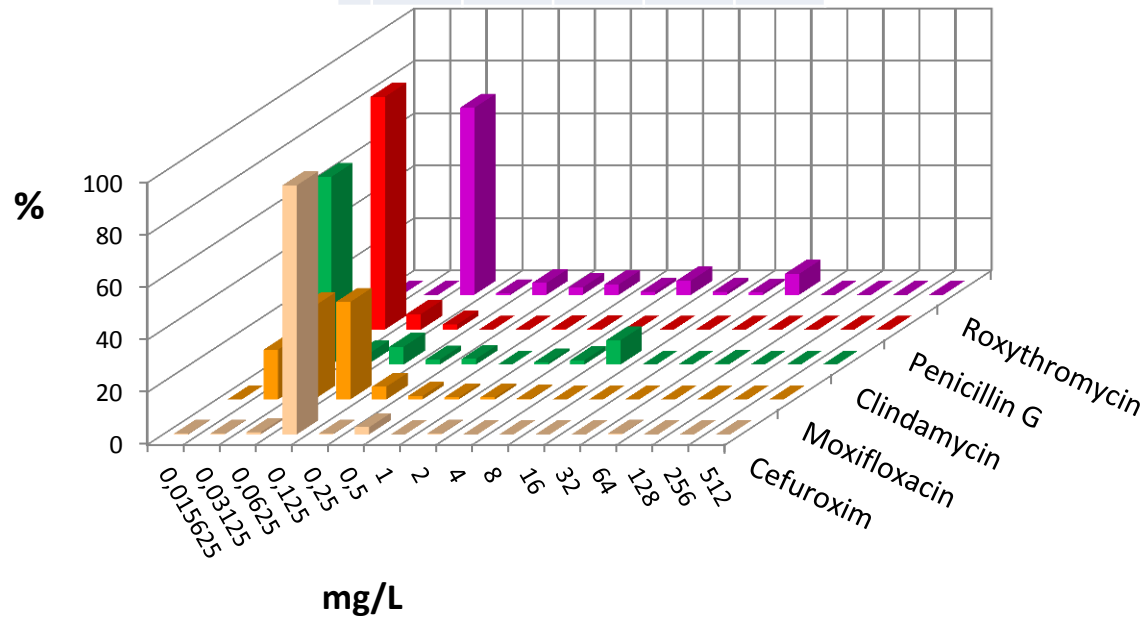
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ZENTRUM FÜR  
INFEKTIONSMEZIN

	CXM	MOX	CLI	PEN	ROX
n	302	302	302	302	302
S	99	97	89	98	71
I					1
R	1	3	11	2	28



# UKL 2018

## Streptococcus dysgalactiae



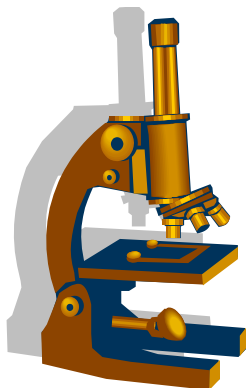
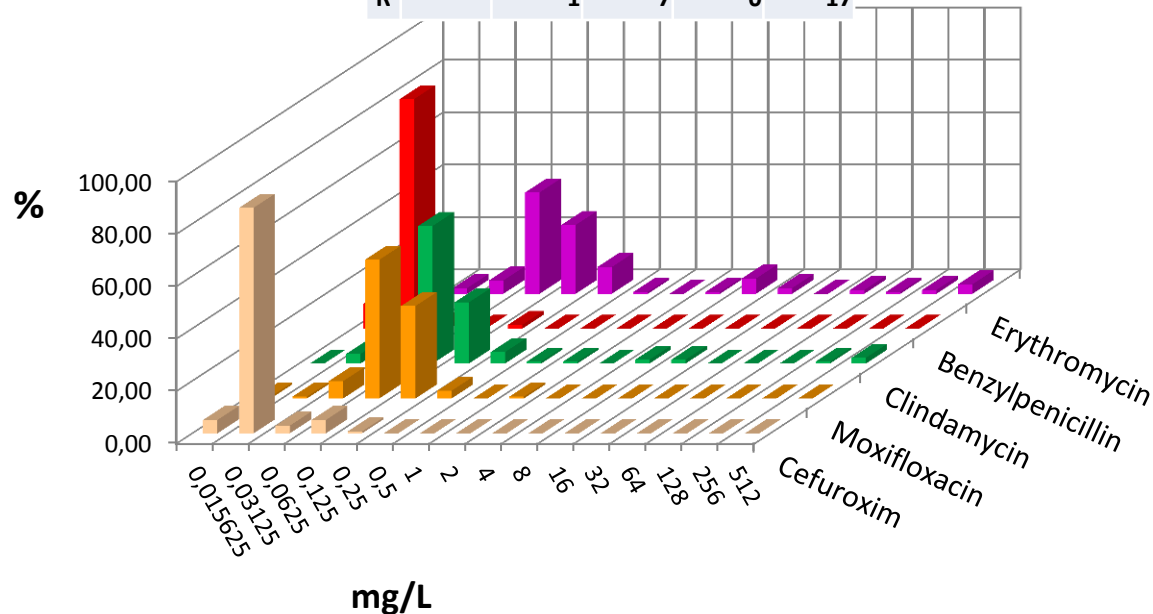
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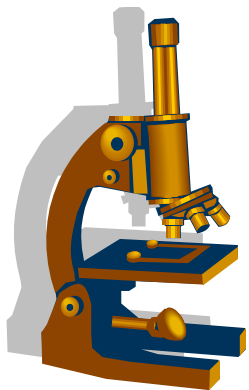
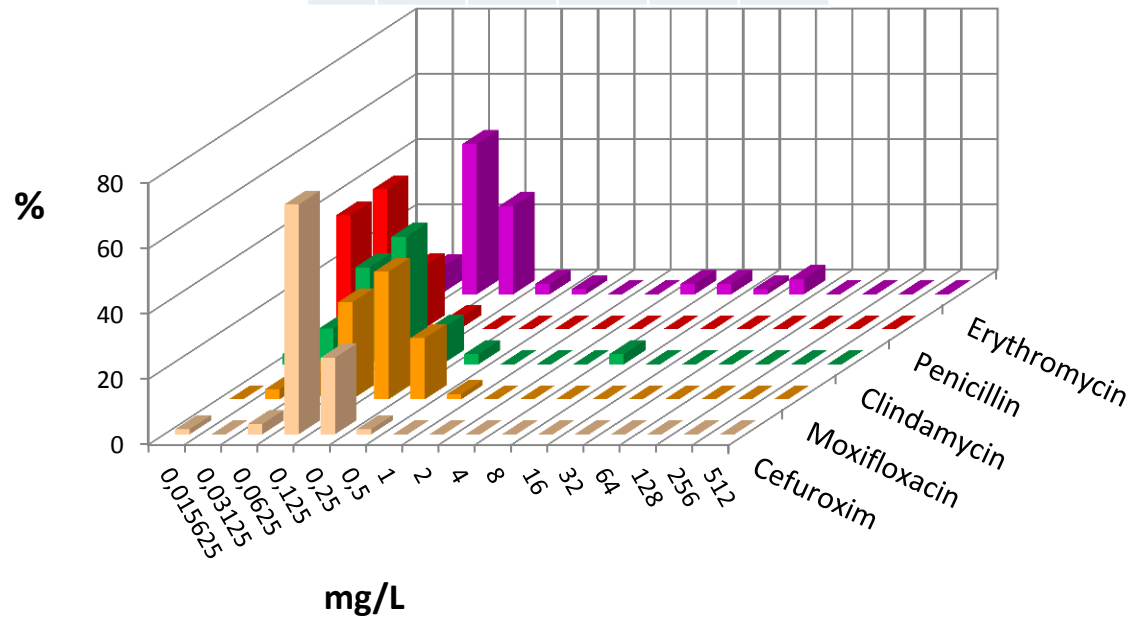


ZENTRUM FÜR  
INFEKTIONSMEDIZIN

	CXM	MOX	CLI	PEN	ROX
n	137	136	137	137	137
S	100	99	93	100	73
I					10
R		1	7	0	17



	CXM	MOX	CLI	PEN	ERY
n	60	60	61	60	60
S	98		97	98	
I				2	
R	2		3	0	



# UKL 2018

## Streptococcus constellatus



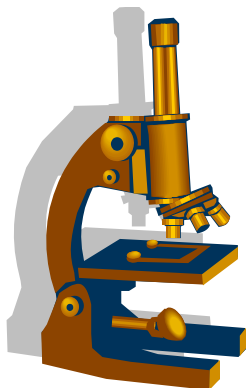
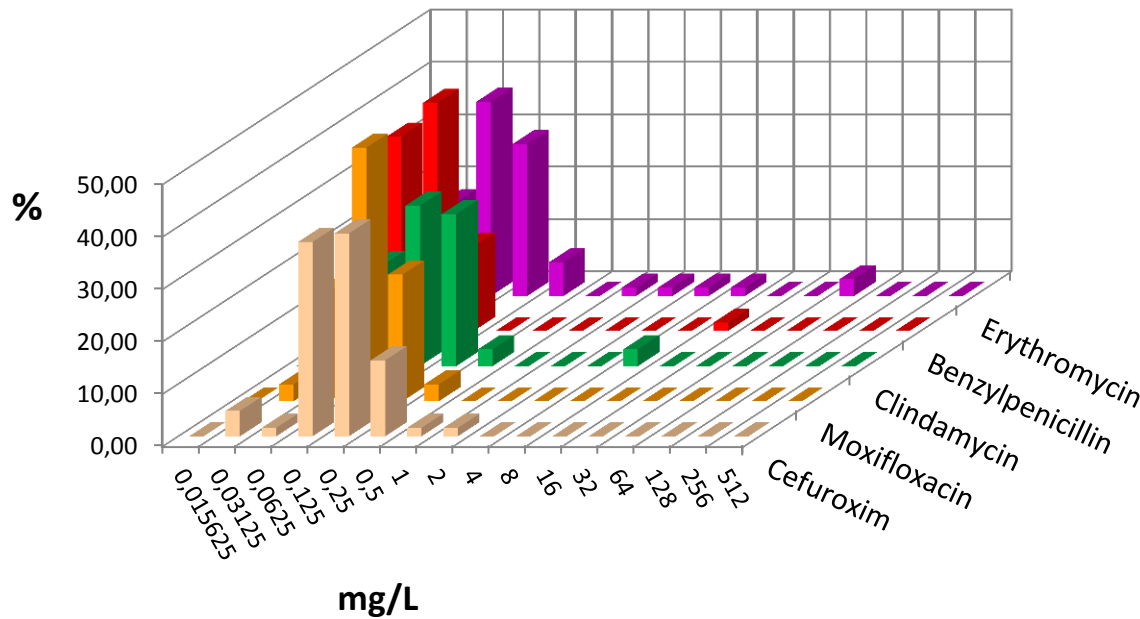
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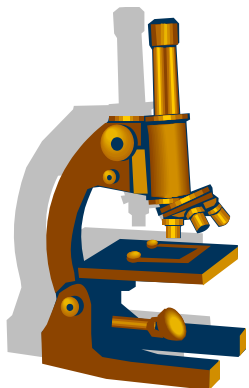
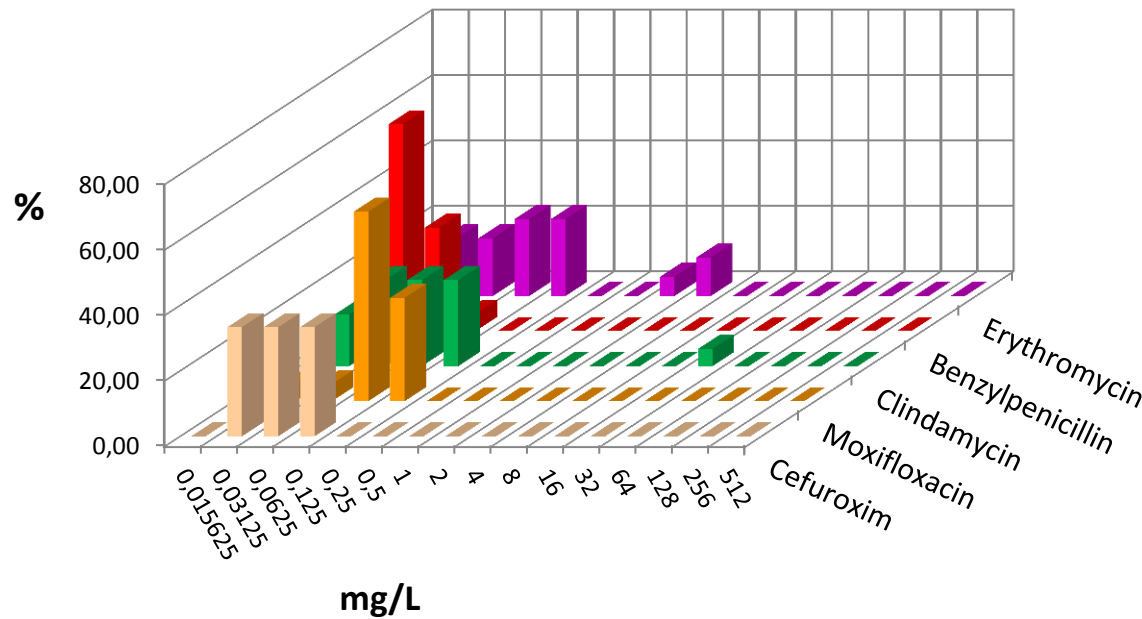
ZENTRUM FÜR  
INFEKTIONSMEZIN

	CXM	MOX	CLI	PEN	ERY
n	62	62	62	62	62
S	97		97	98	
I				0	
R	3		3	2	

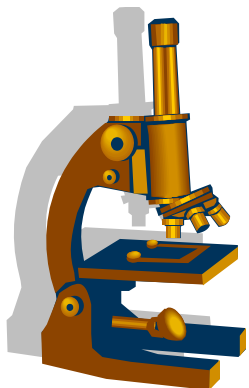
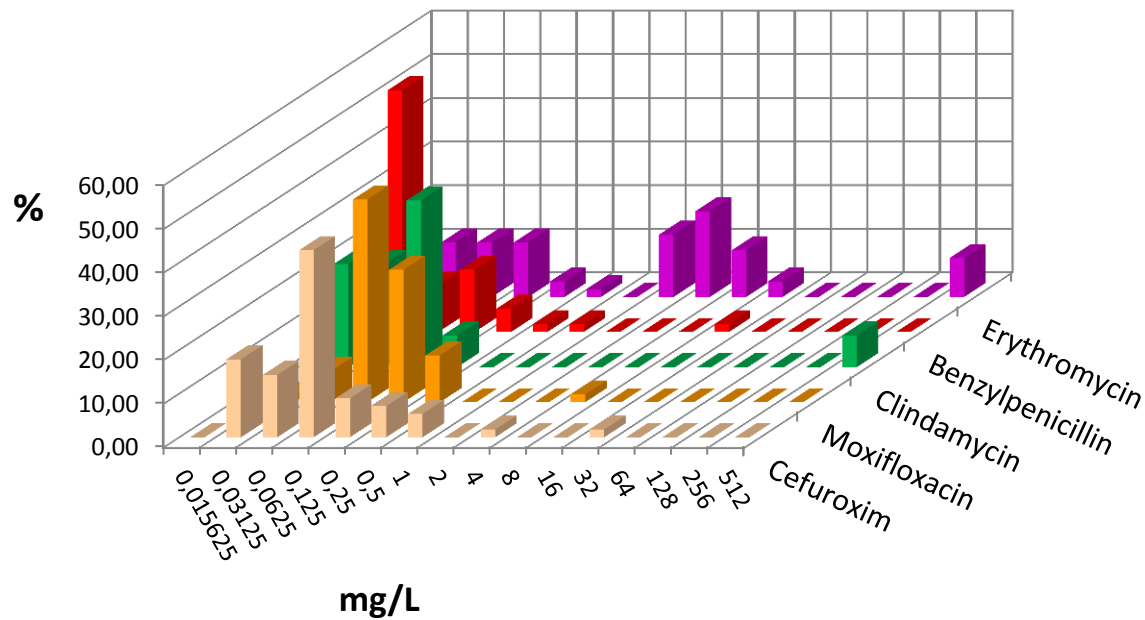




	CXM	MOX	CLI	PEN	ERY
n	18	19	19	19	17
S	100		95	100	
I				0	
R	0		5	0	



	CXM	MOX	CLI	PEN	ERY
n	56	56	55	56	56
S	91		93	95	
I				4	
R	9		7	2	



# UKL 2018

## Streptococcus parasanguinis



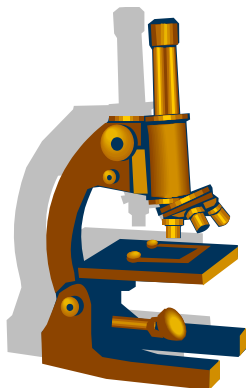
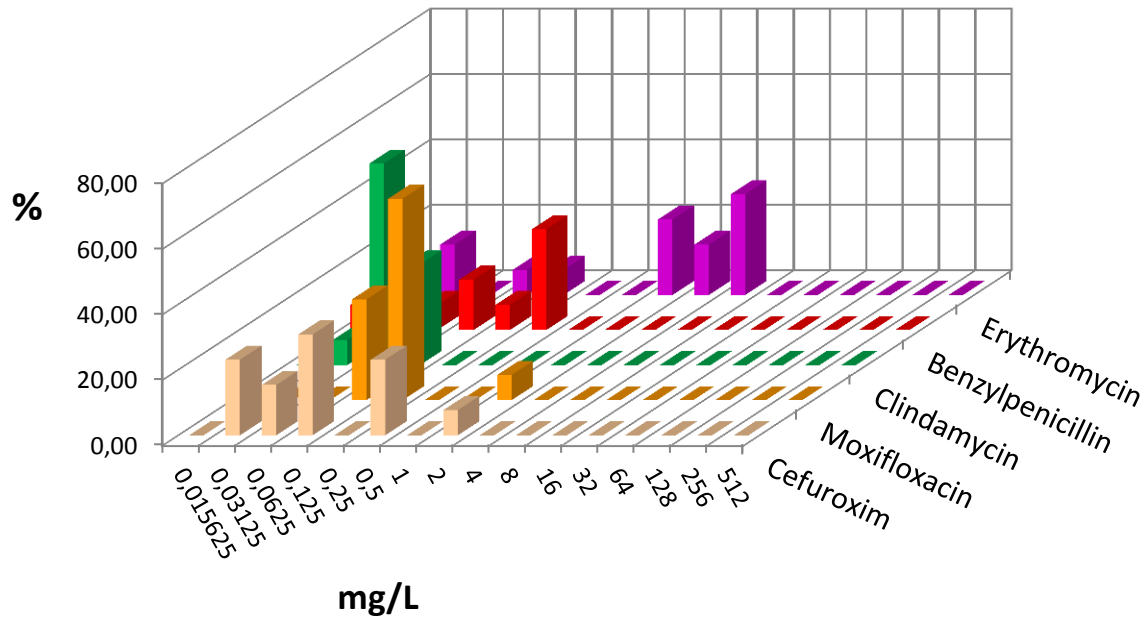
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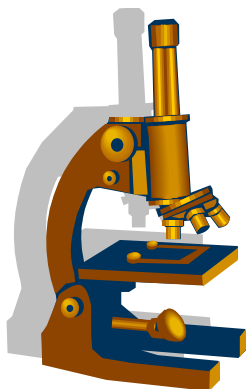
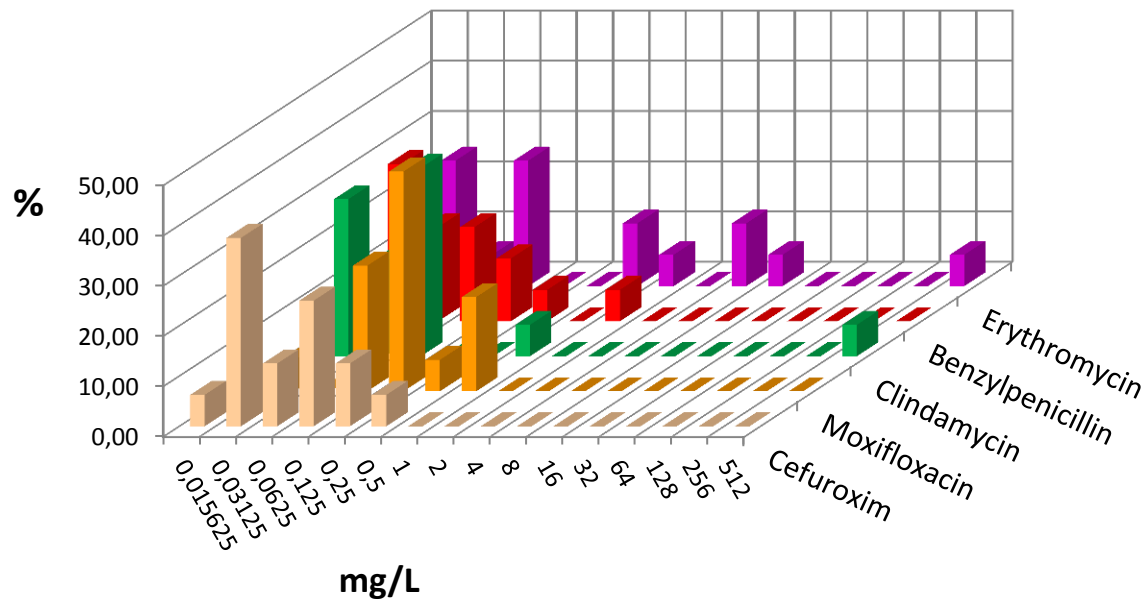


ZENTRUM FÜR  
INFEKTIONSMEZDIN

	CXM	MOX	CLI	PEN	ERY
n	13	13	13	13	13
S	92		100	69	
I				31	
R	8		0	0	



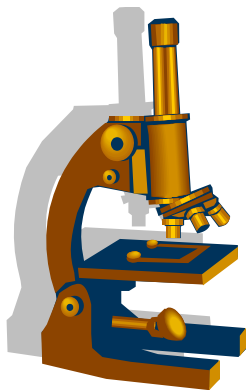
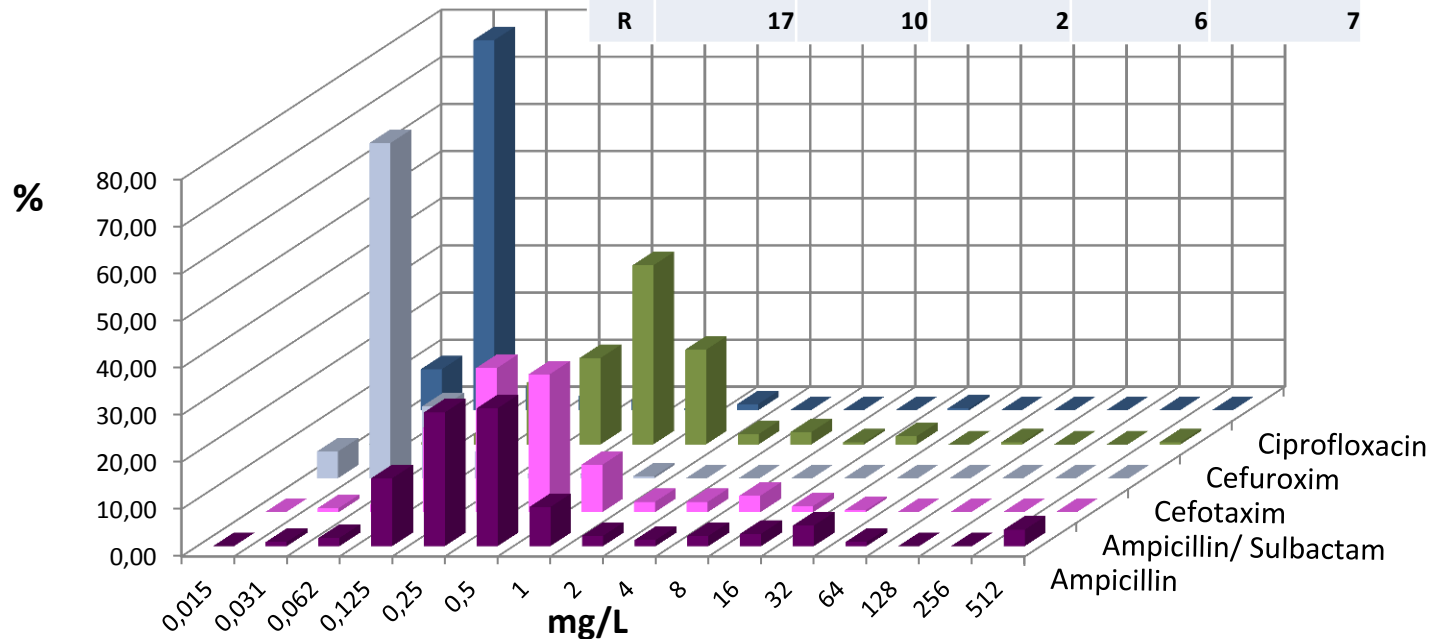
	CXM	MOX	CLI	PEN	ERY
n	16	16	16	16	16
S	100		88	88	
I				13	
R	0		13	0	



# UKL 2018

## Haemophilus influenzae

	AMP	ASU	CTX	CFX	CIP
n	229	229	229	229	229
S	83	90	98	92	93
I				2	
R	17	10	2	6	7



# UKL 2018

## Haemophilus parainfluenzae



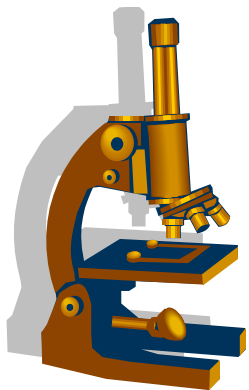
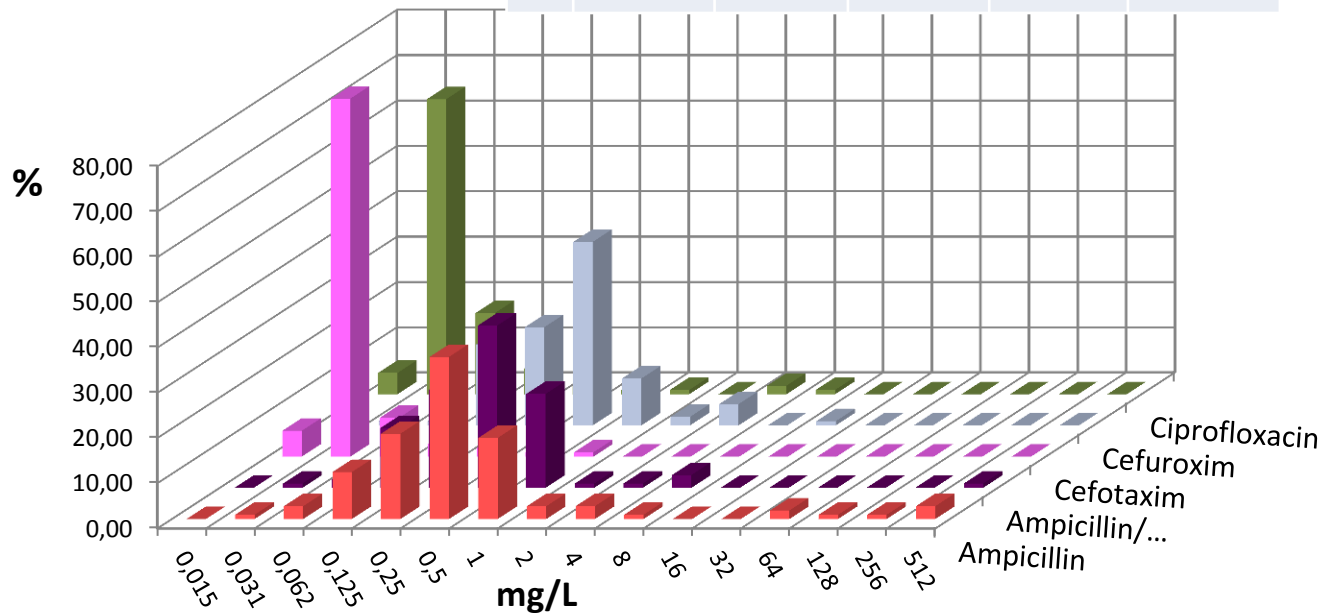
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ZENTRUM FÜR  
INFEKTIONSMEDIZIN

	AMP	ASU	CTX	CFX	CIP
n	106	106	105	106	106
S	87	94	96	92	88
I				2	
R	13	6	4	6	12



# UKL 2018

## Haemophilus haemolyticus



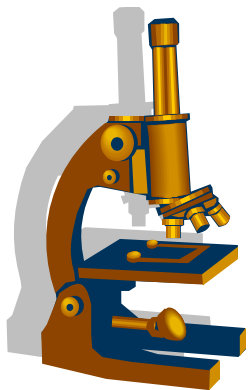
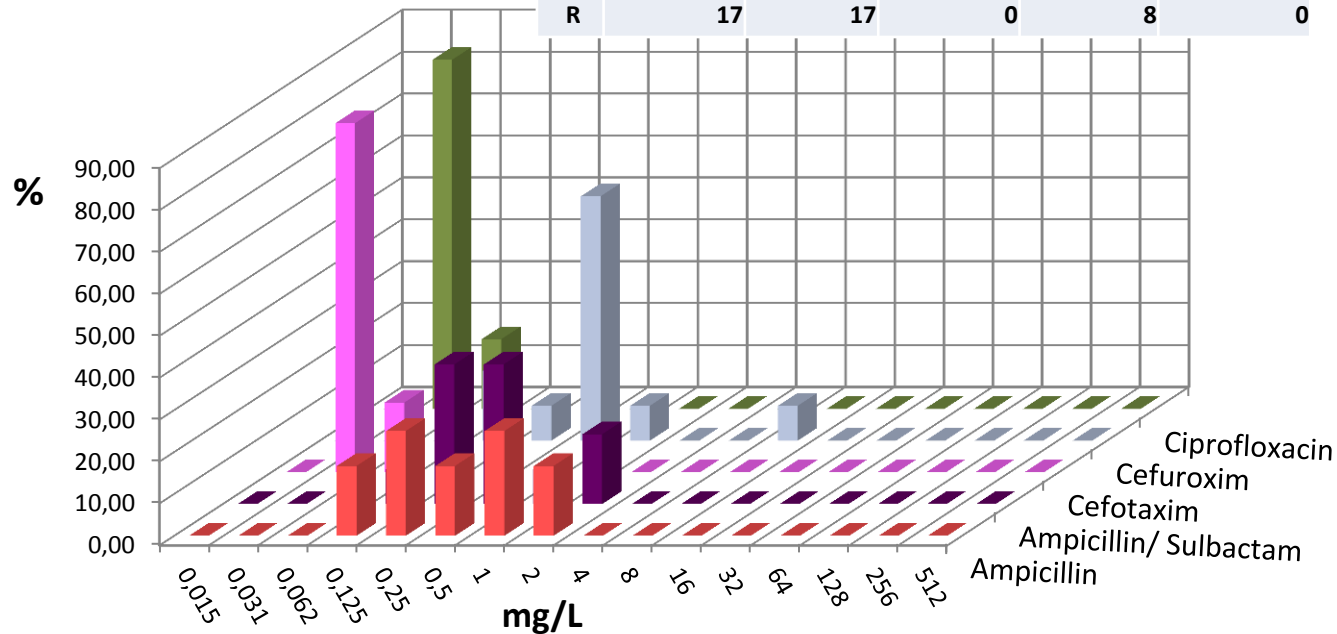
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ZENTRUM FÜR  
INFEKTIONSMEZIDIN

	AMP	ASU	CTX	CFX	CIP
n	12	12	12	12	12
S	83	83	100	92	100
I				0	
R	17	17	0	8	0





# UKL 2018

## Haemophilus parahaemolyticus



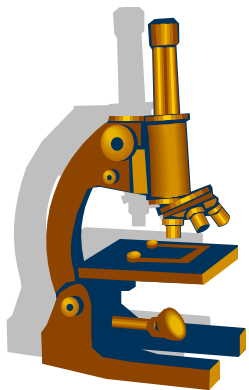
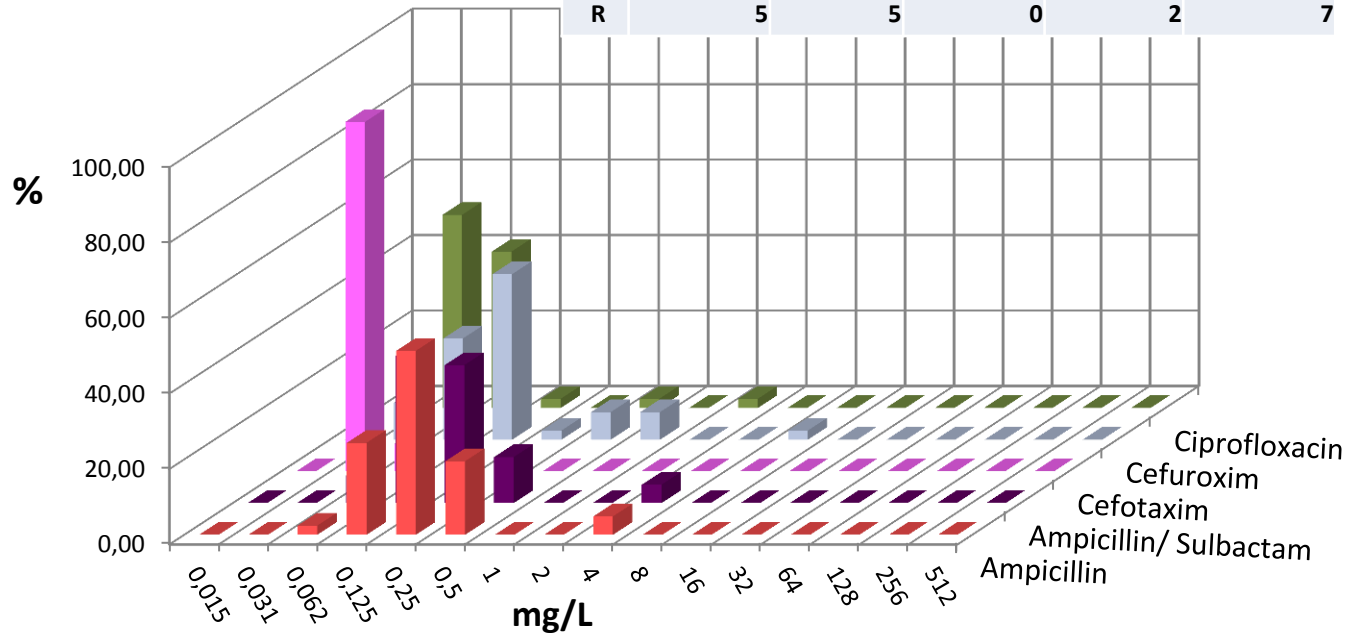
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ZENTRUM FÜR  
INFEKTIONSMEZIN

	AMP	ASU	CTX	CFX	CIP
n	41	41	41	41	41
S	95	95	100	98	93
I				0	
R	5	5	0	2	7



# UKL 2018

## Moraxella catarrhalis



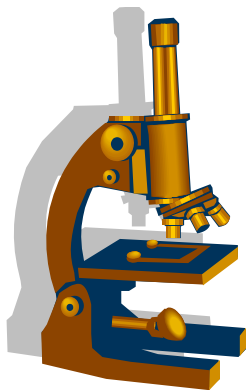
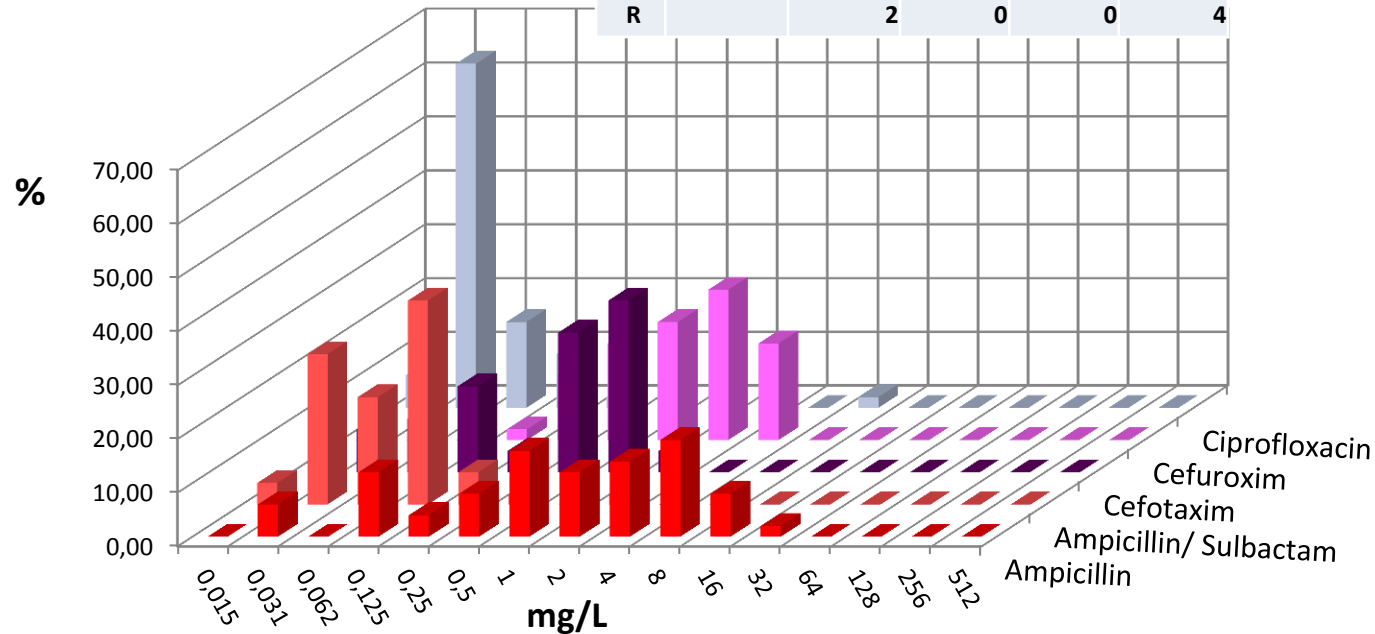
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ZENTRUM FÜR  
INFEKTIONSMEZIN

	AMP	ASU	CTX	CFX	CIP
n	50	50	50	50	50
S		98	96	100	96
I			4	0	
R		2	0	0	4



# UKL 2018

## Corynebacterium striatum



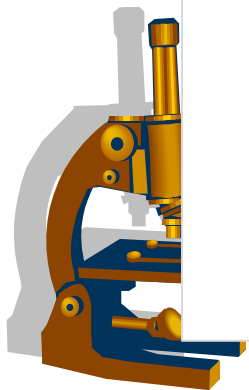
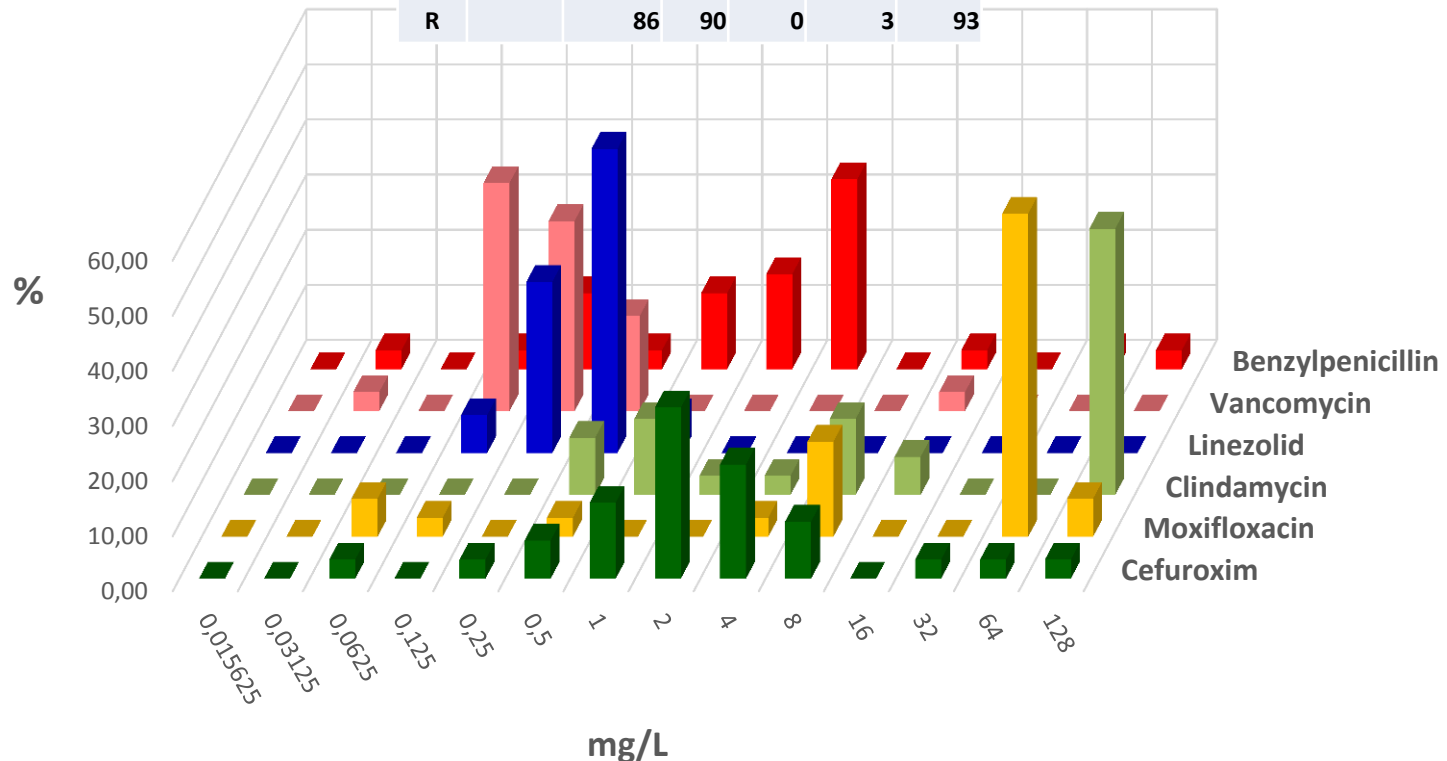
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ZENTRUM FÜR  
INFEKTIONSMEDIZIN

	CXM	MOX	CLI	LIZ	VAN	PEN
n	29	29	29	29	29	29
S		14	10	100	97	7
I						
R		86	90	0	3	93



# UKL 2018

# Corynebacterium tuberculostrictaricum



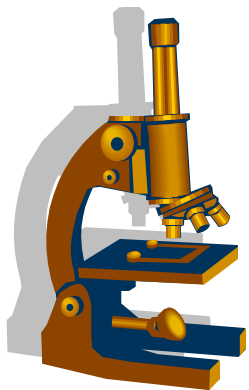
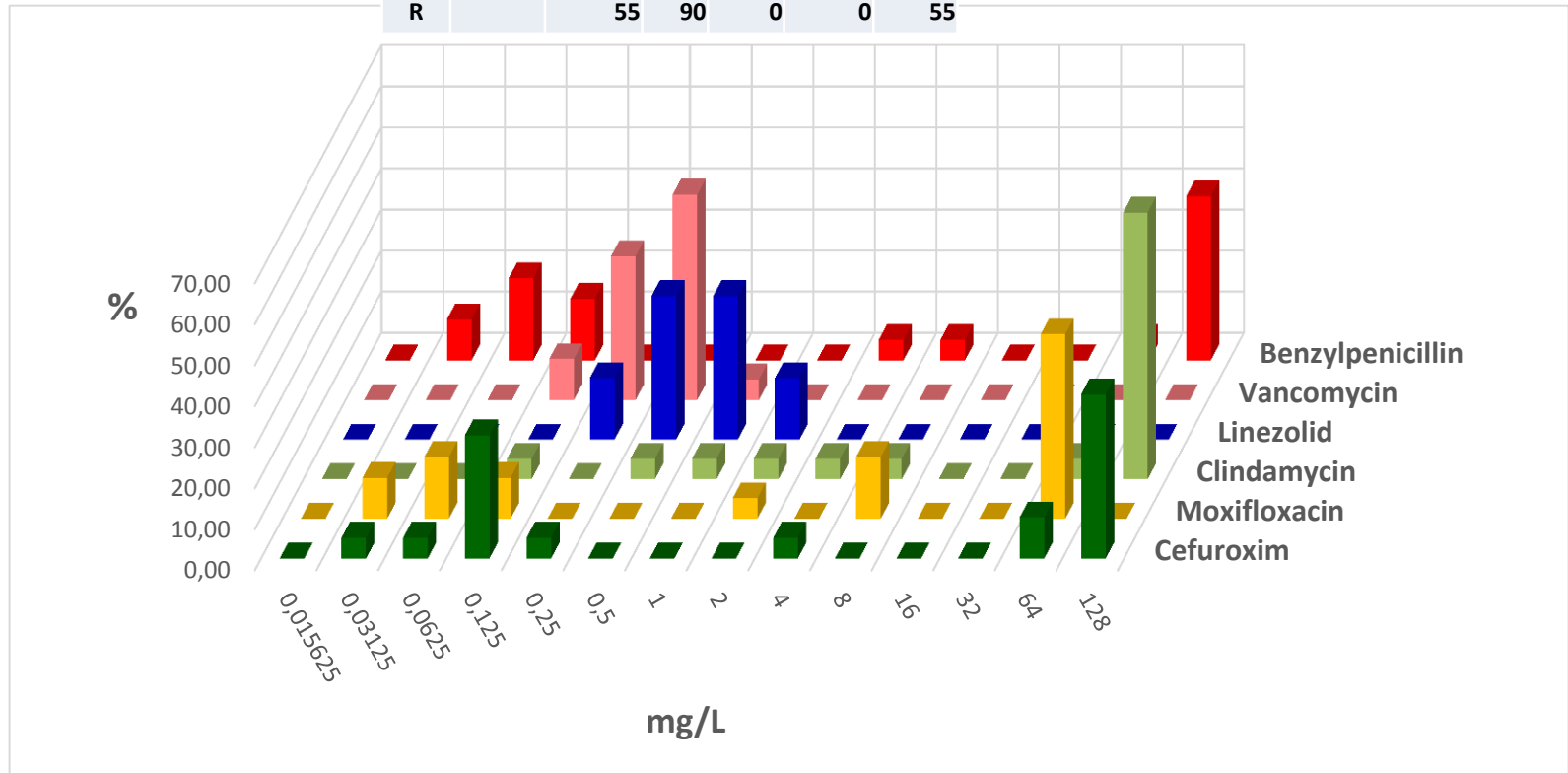
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ZENTRUM FÜR  
INFEKTIONSMEZIZIN

	CXM	MOX	CLI	LIZ	VAN	PEN
n	20	20	20	20	20	20
S		35	10	100	100	45
I						
R		55	90	0	0	55

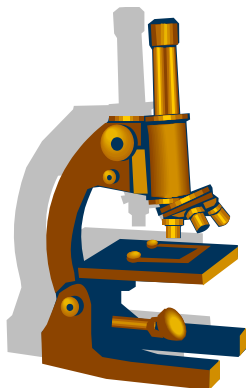
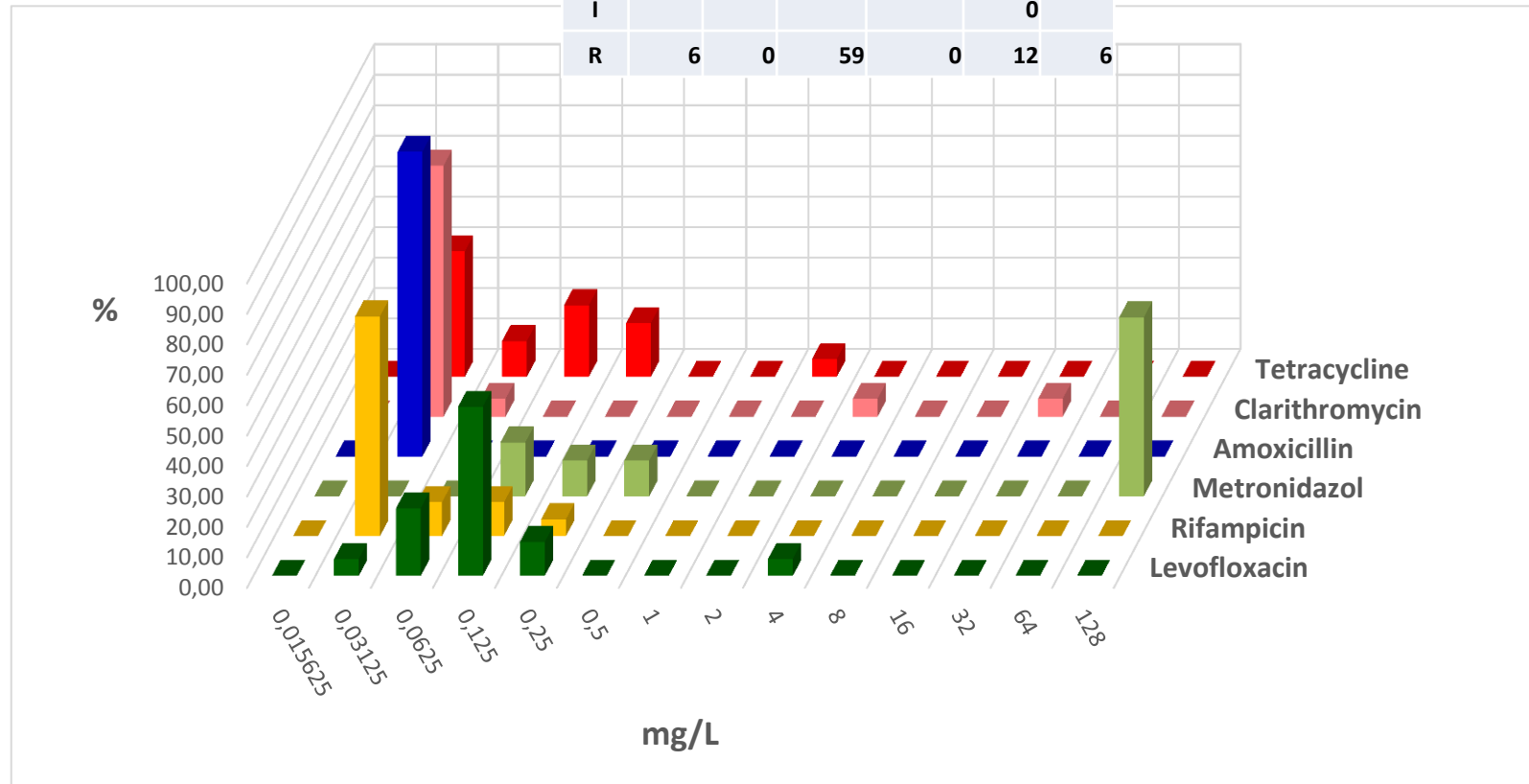


# UKL 2018

## Helicobacter pylori



	LEV	RIF	MTR	AMO	CLA	TRT
n	17	18	18	17	18	17
S	94	100	41	100	88	94
I					0	
R	6	0	59	0	12	6



# UKL 2018

## Bacteroides fragilis



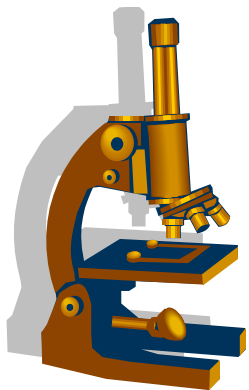
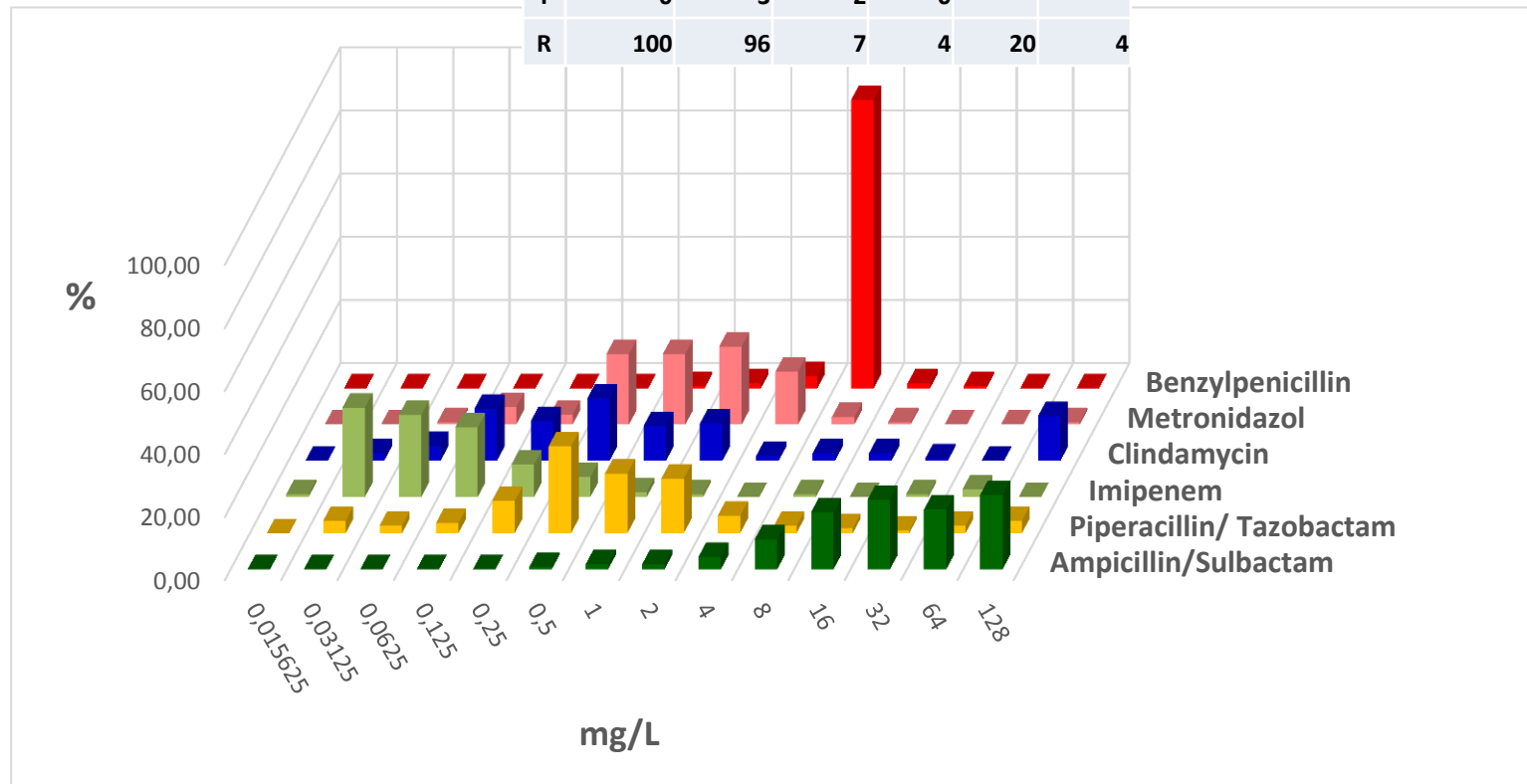
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ZENTRUM FÜR  
INFEKTIONSMEZIDIN

	PEN	ASU	PIT	IMP	CLI	MTR
n	127	127	127	127	127	125
S	0	1	91	96	80	96
I	0	3	2	0		
R	100	96	7	4	20	4



# UKL 2018

## Bacteroides thetaiotaomicron



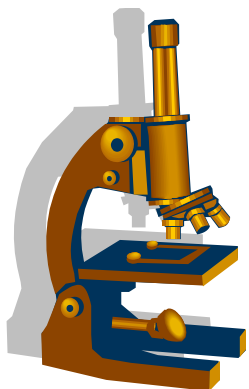
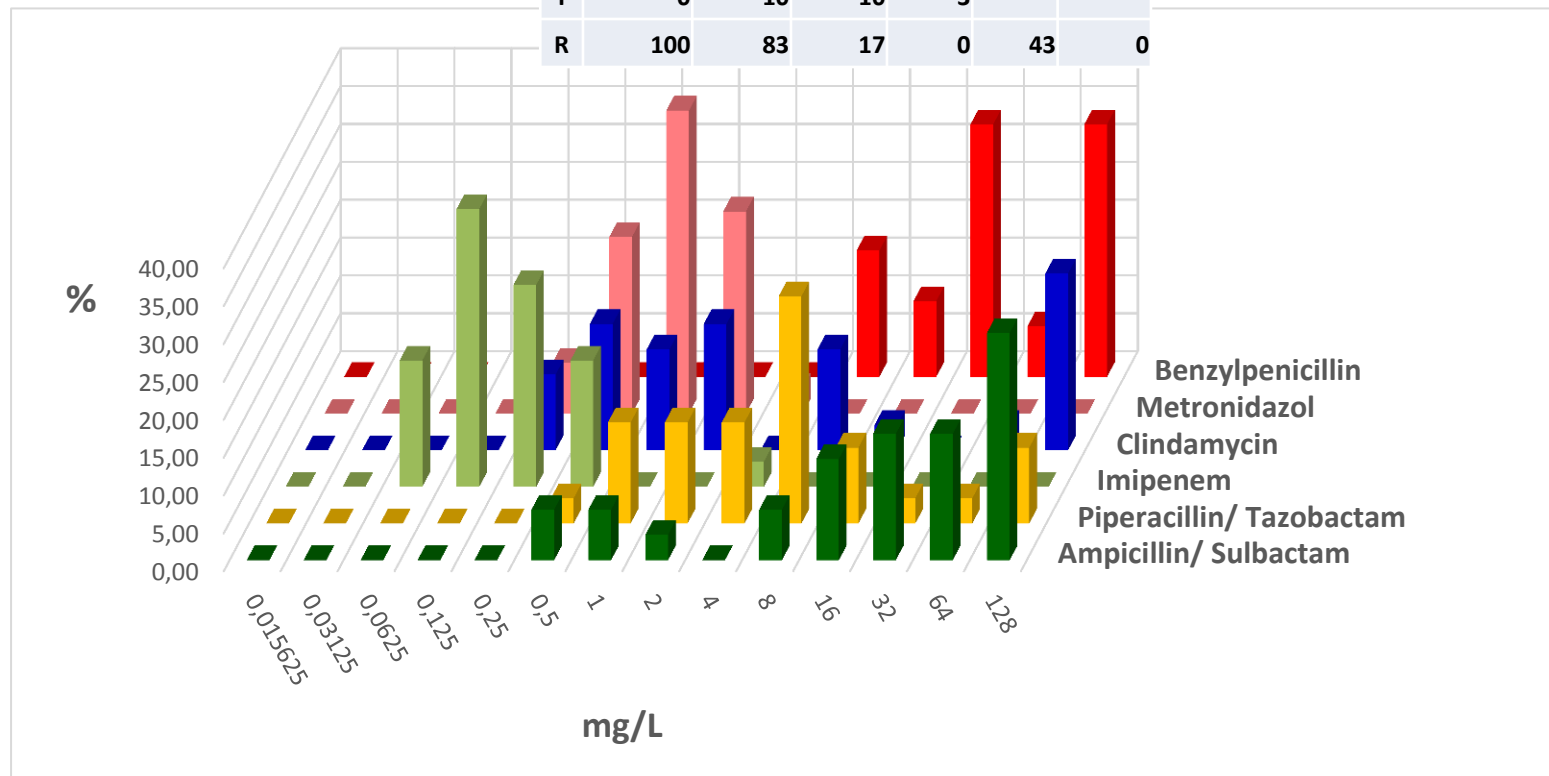
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ZENTRUM FÜR  
INFEKTIONSMEZIN

	PEN	ASU	PIT	IMP	CLI	MTR
n	30	30	30	30	30	30
S	0	7	73	97	57	100
I	0	10	10	3		
R	100	83	17	0	43	0





# UKL 2018

## Prevotella melaninogenica



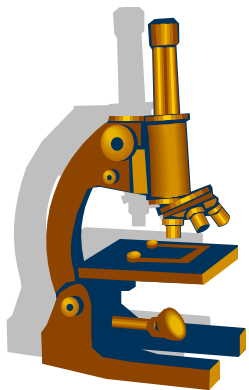
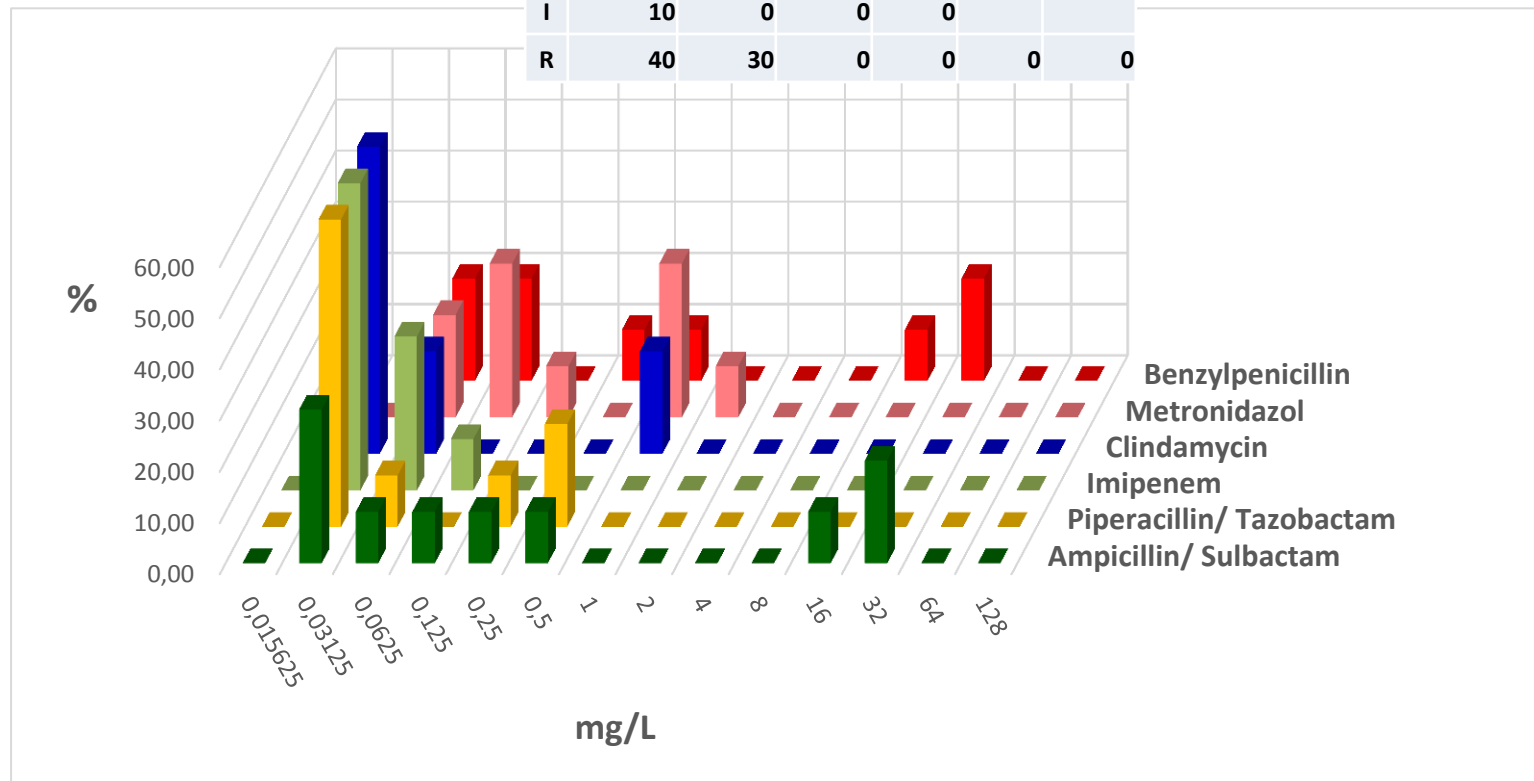
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ZENTRUM FÜR  
INFEKTIONSMEZIN

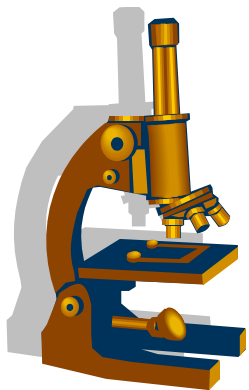
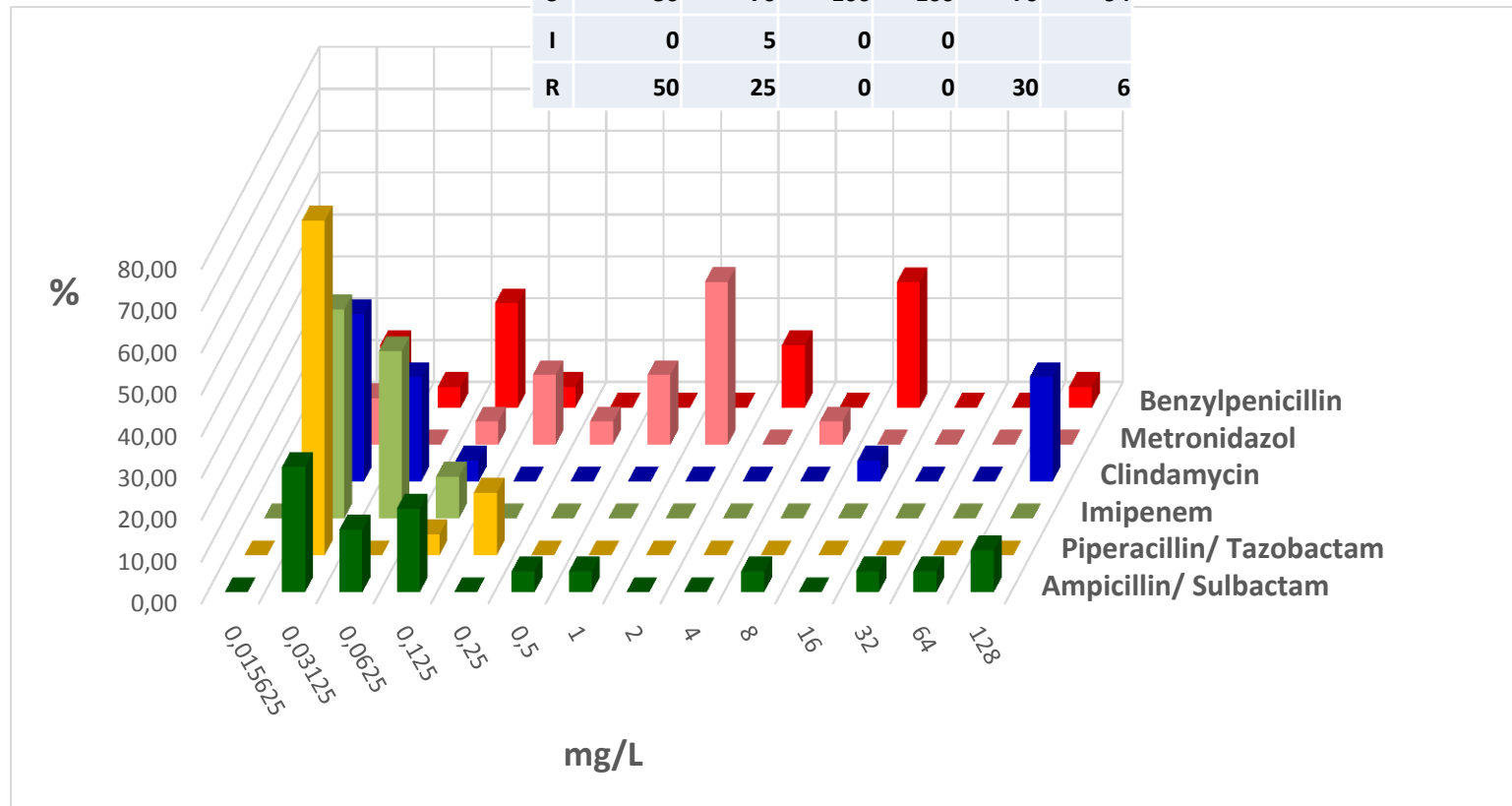
	PEN	ASU	PIT	IMP	CLI	MTR
n	10	10	10	10	10	10
S	50	70	100	100	100	100
I	10	0	0	0		
R	40	30	0	0	0	0



# UKL 2018

## Prevotella bivia

	PEN	ASU	PIT	IMP	CLI	MTR
n	20	20	20	20	20	18
S	50	70	100	100	70	94
I	0	5	0	0		
R	50	25	0	0	30	6



# UKL 2018

## Fusobacterium nucleatum



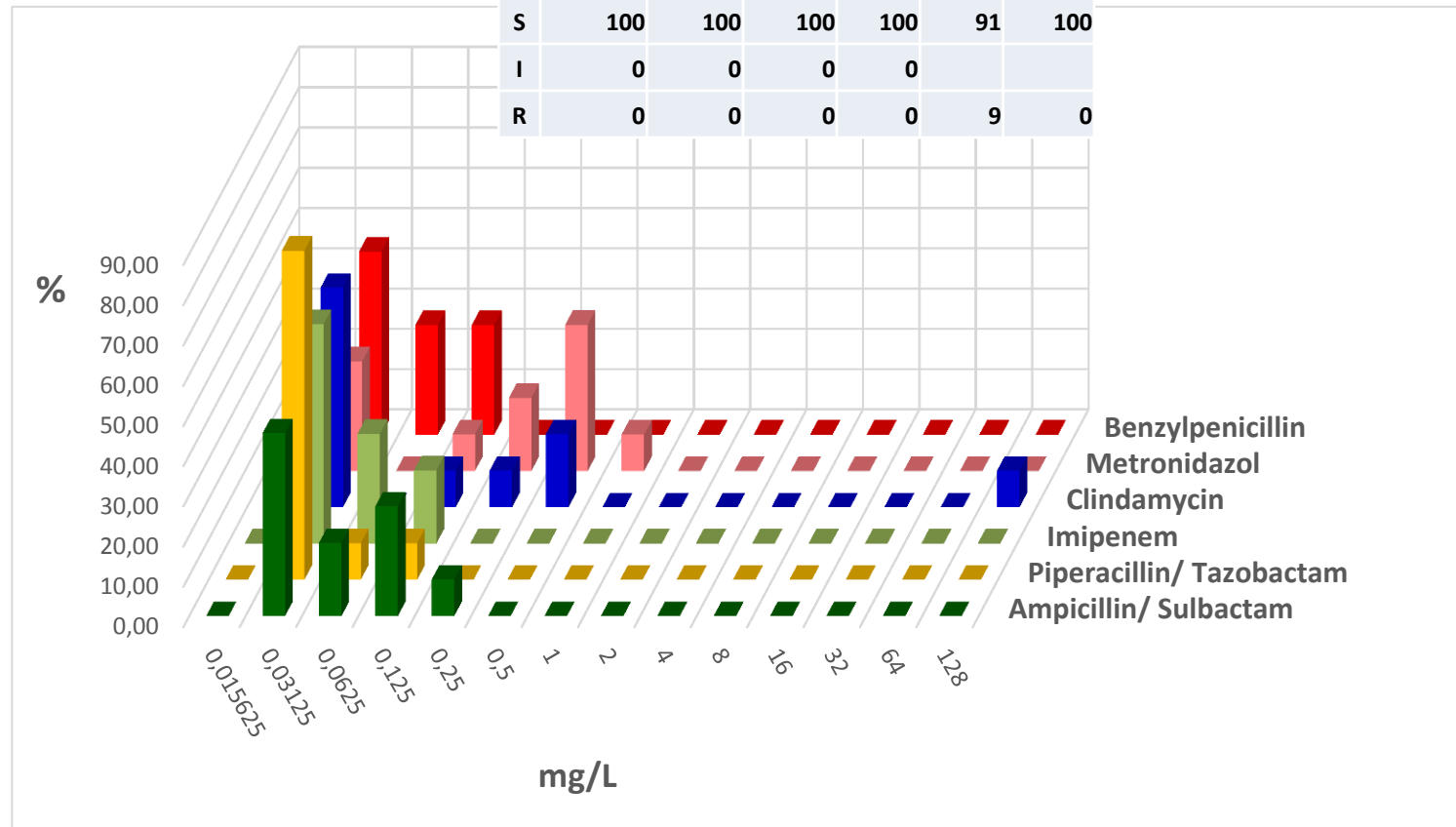
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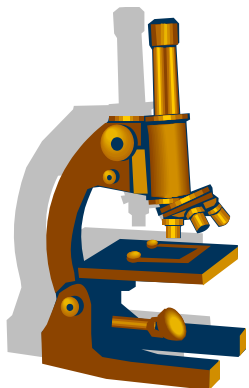


ZENTRUM FÜR  
INFEKTIONSMEDIZIN

	PEN	ASU	PIT	IMP	CLI	MTR
n	11	11	11	11	11	11
S	100	100	100	100	91	100
I	0	0	0	0		
R	0	0	0	0	9	0



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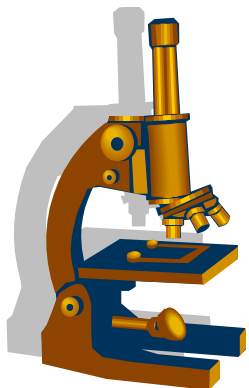
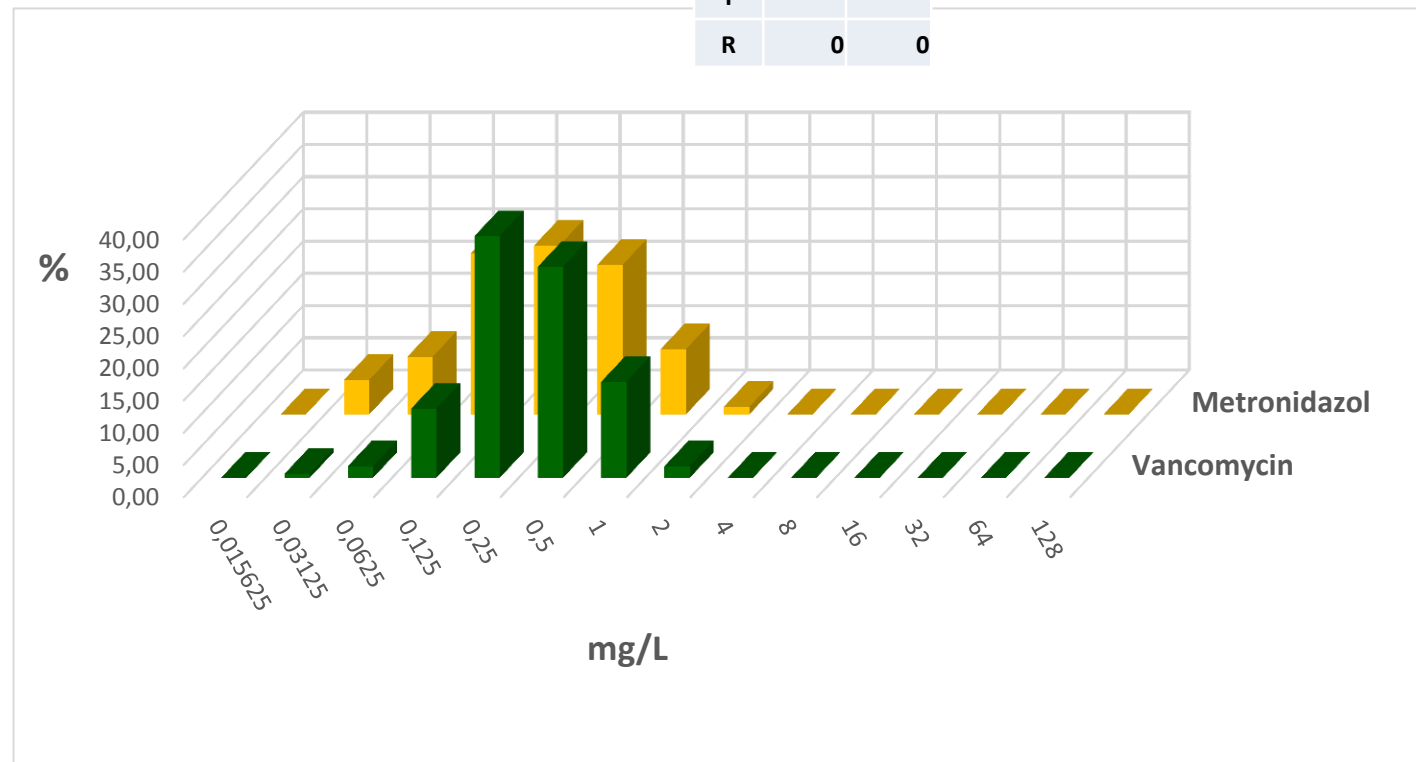


# UKL 2018

## Clostridium difficile



	VAN	MTR
n	168	168
S	100	100
I		
R	0	0



# UKL 2018

## Clostridium perfringens



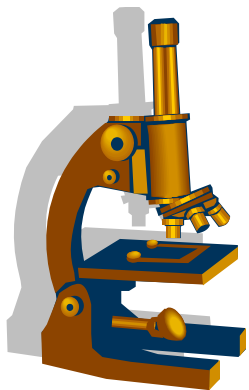
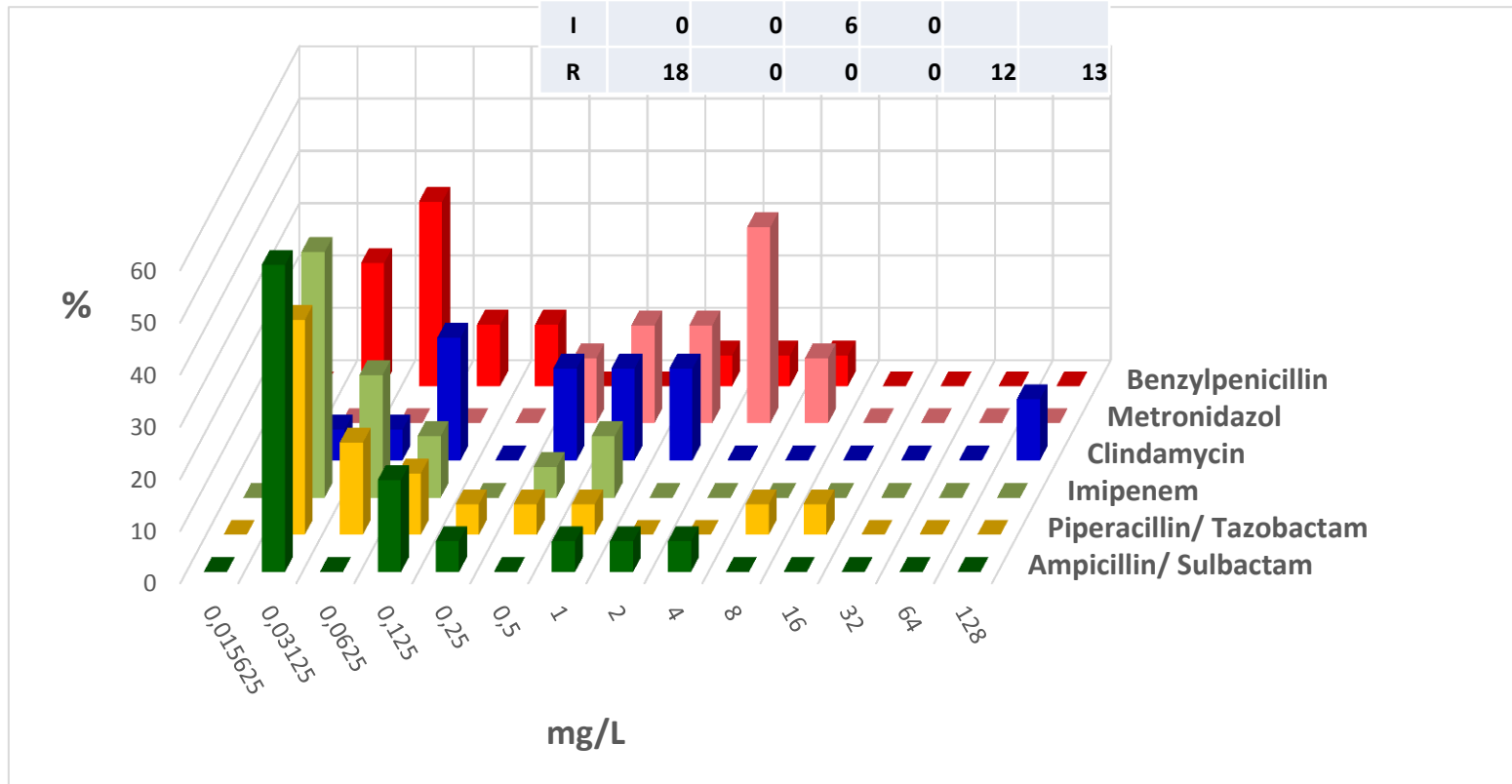
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ZENTRUM FÜR  
INFEKTIONSMEZIN

	PEN	ASU	PIT	IMP	CLI	MTR
n	17	17	17	17	17	16
S	82	100	94	100	88	88
I	0	0	6	0		
R	18	0	0	0	12	13

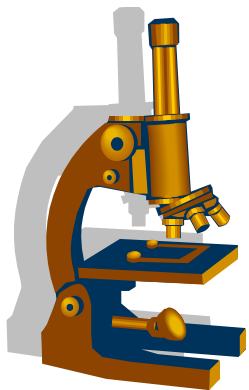
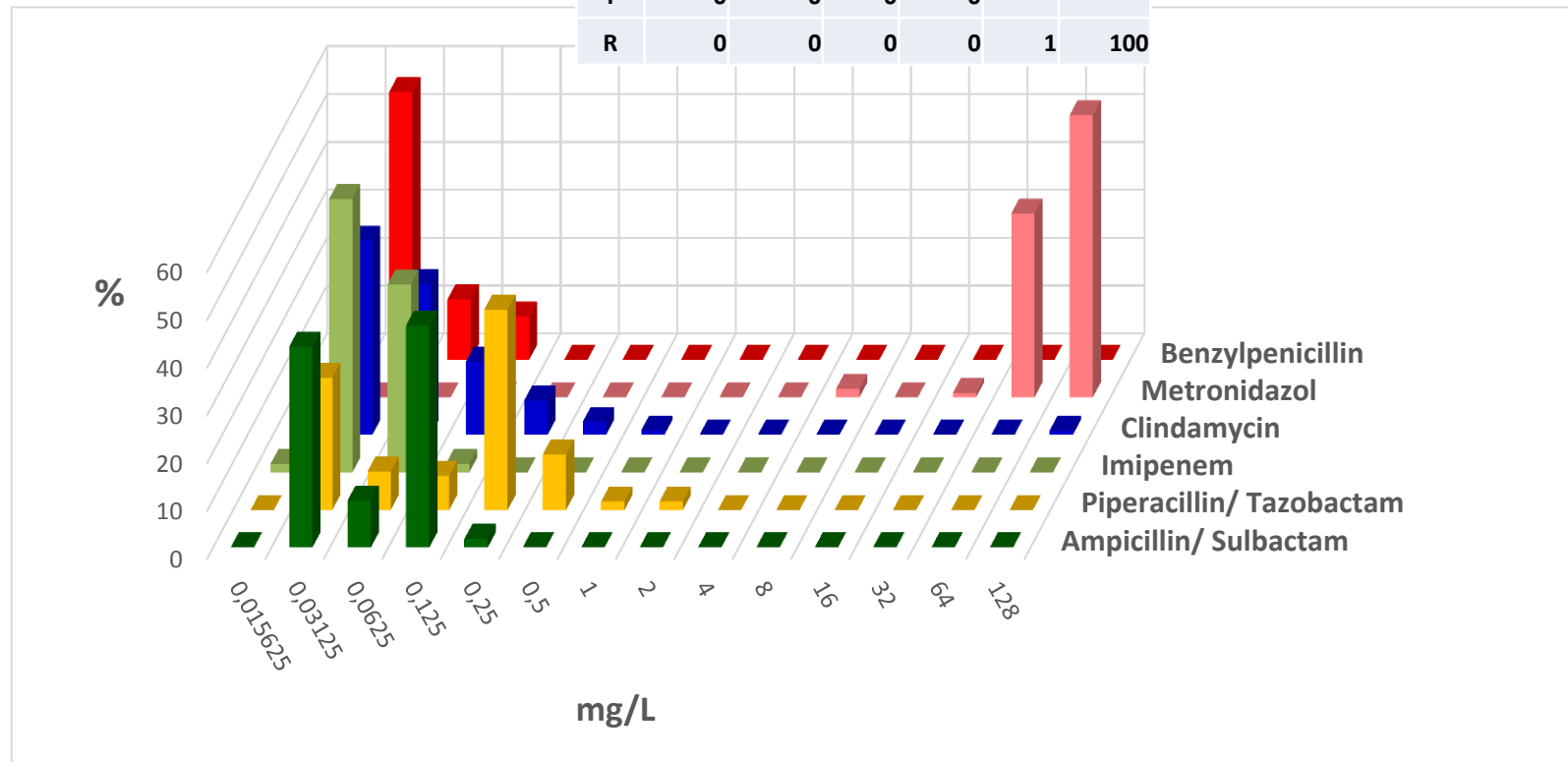


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# UKL 2018

## Cutibacterium acnes

	PEN	ASU	PIT	IMP	CLI	MTR
n	111	112	112	112	111	112
S	100	100	100	100	99	0
I	0	0	0	0		
R	0	0	0	0	1	100



# UKL 2018

## Peptostreptococcus anaerobius



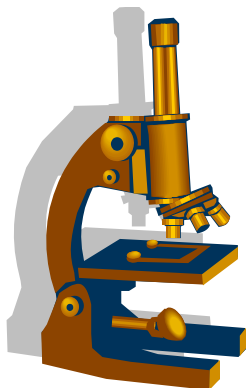
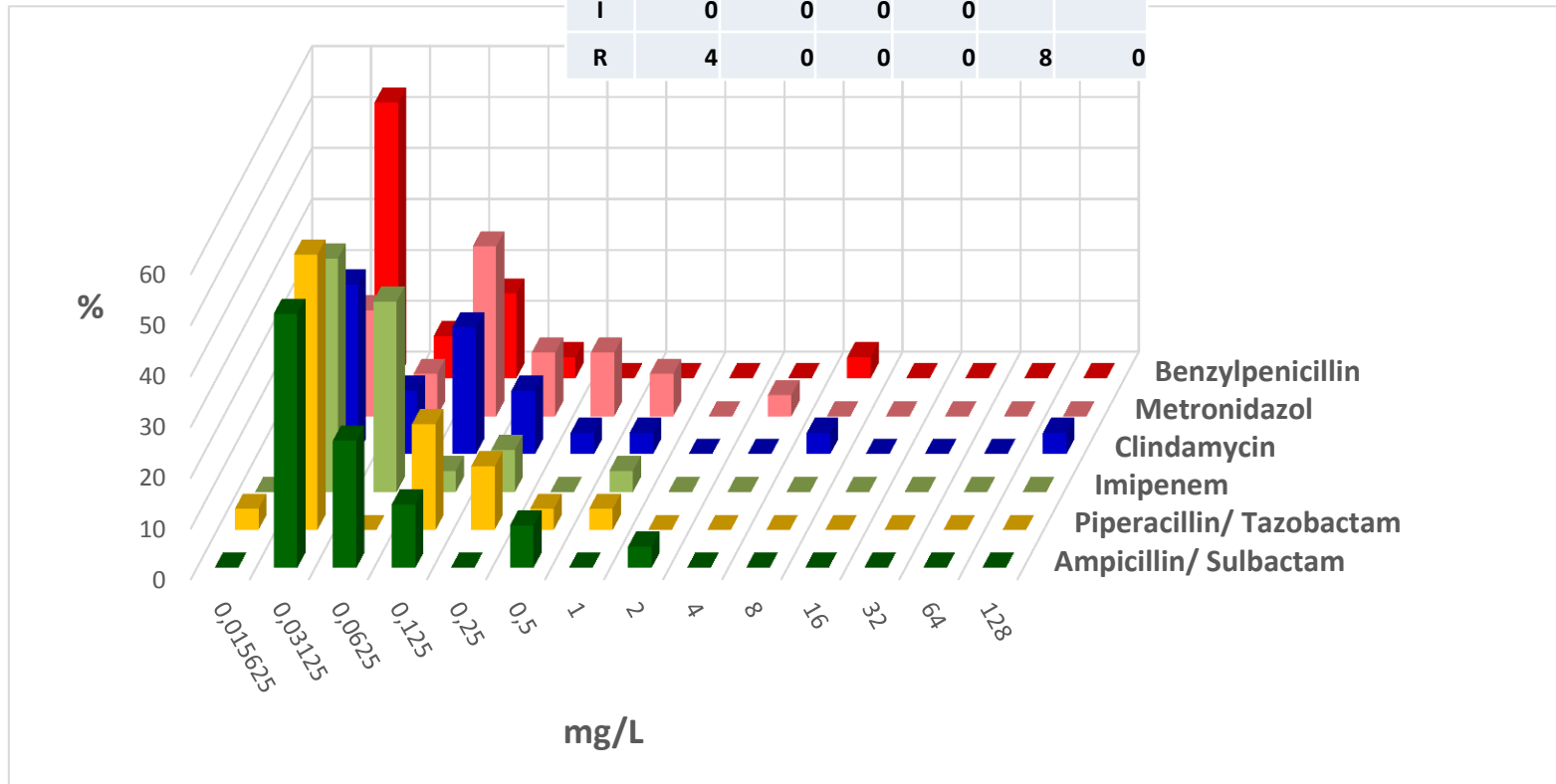
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ZENTRUM FÜR  
INFEKTIONSMEDIZIN

	PEN	ASU	PIT	IMP	CLI	MTR
n	24	24	24	24	24	24
S	96	100	100	100	92	100
I	0	0	0	0		
R	4	0	0	0	8	0





# UKL 2018

## Peptoniphilus asaccharolyticus



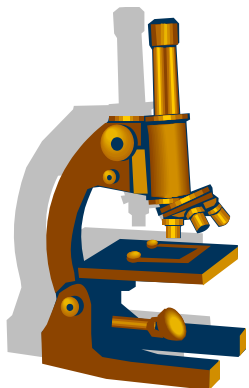
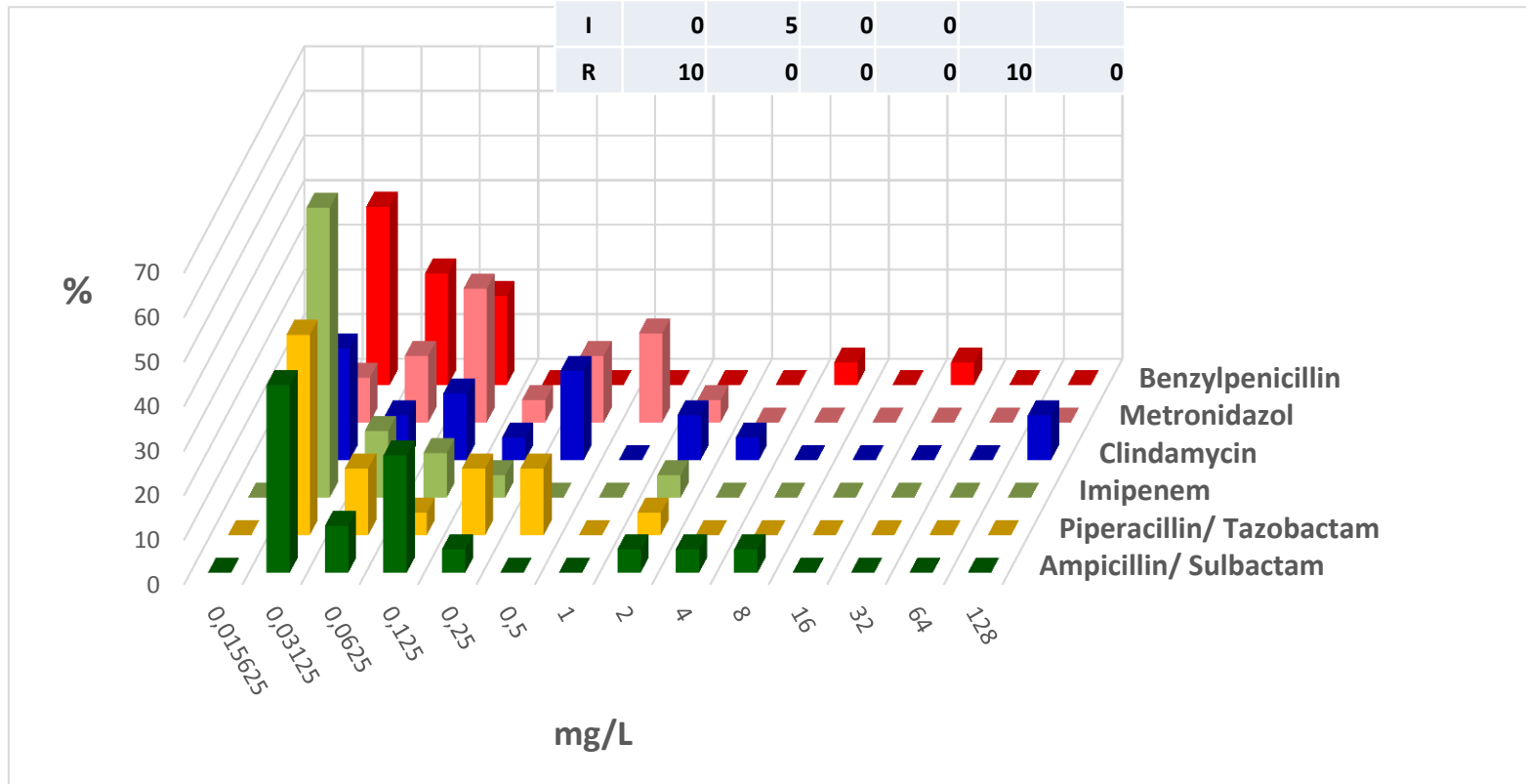
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ZENTRUM FÜR  
INFEKTIONSMEDIZIN

	PEN	ASU	PIT	IMP	CLI	MTR
n	20	19	20	20	20	20
S	90	95	100	100	90	100
I	0	5	0	0		
R	10	0	0	0	10	0

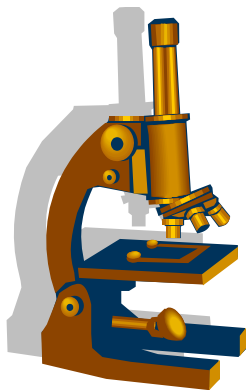
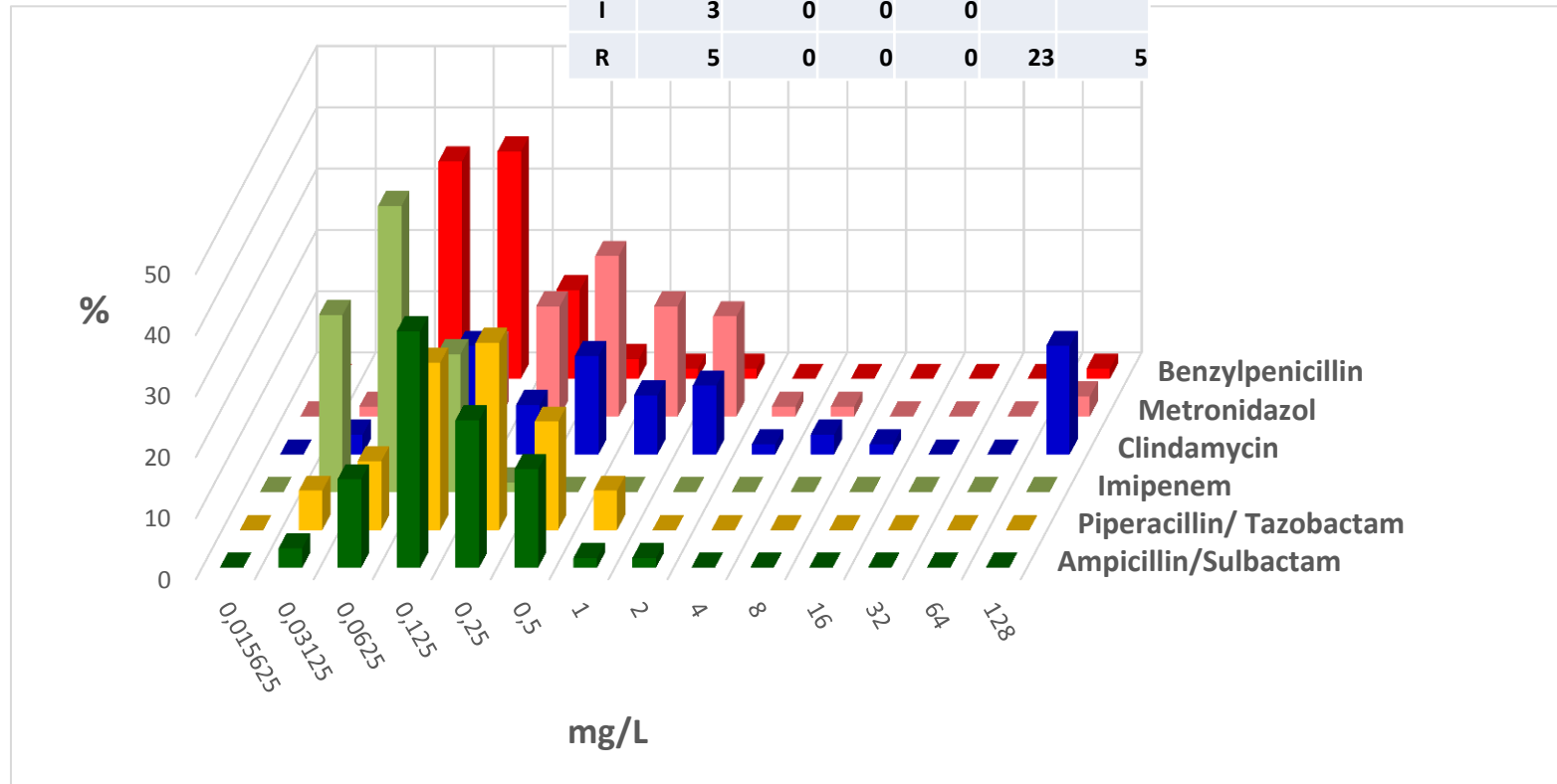


# UKL 2018

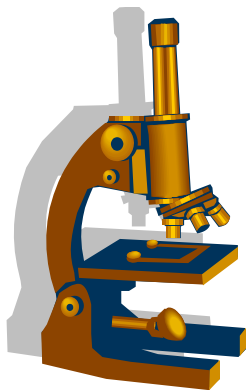
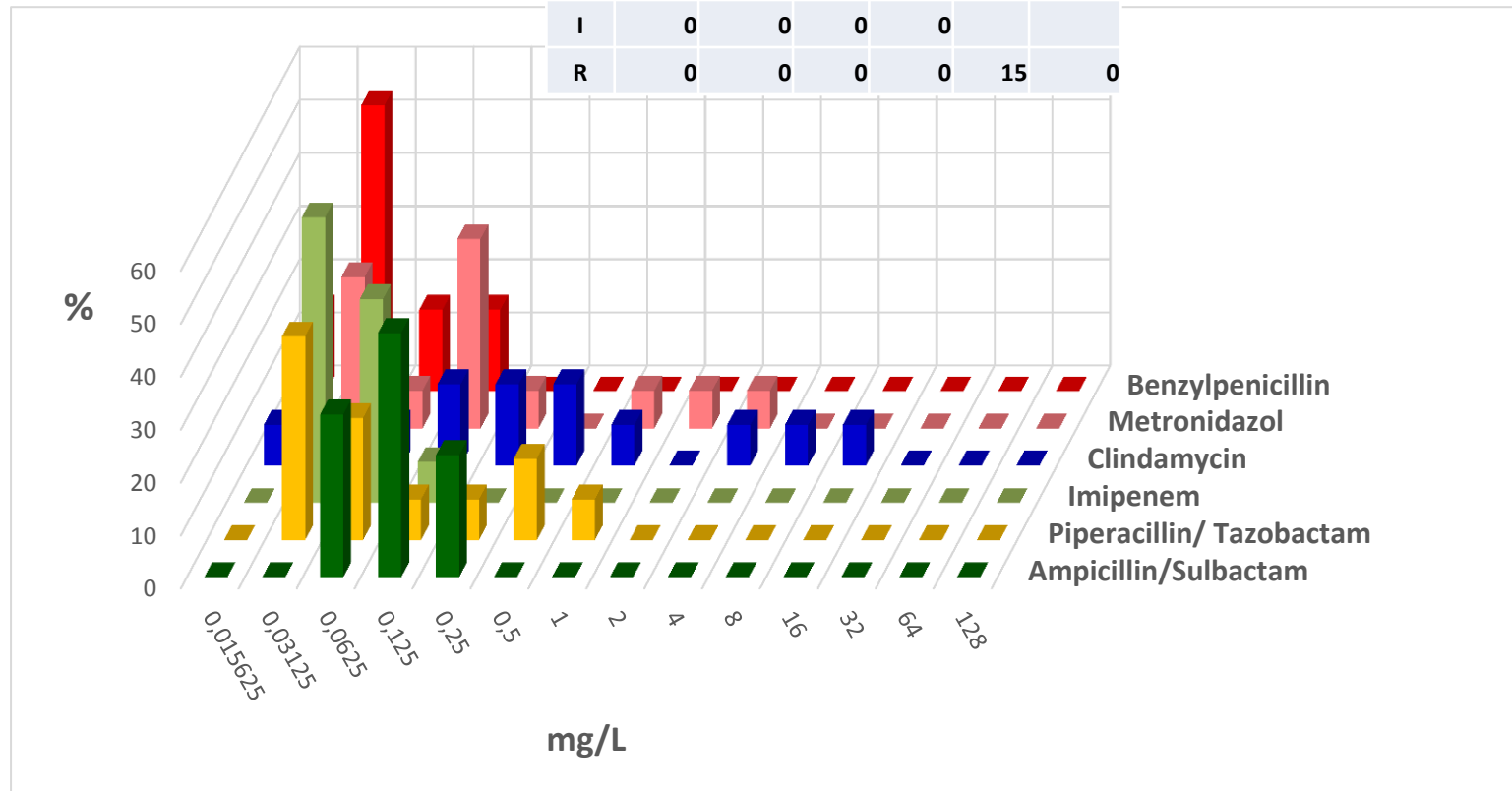
## Finegoldia magna



	PEN	ASU	PIT	IMP	CLI	MTR
n	62	62	62	62	62	61
S	92	100	100	100	77	95
I	3	0	0	0		
R	5	0	0	0	23	5



	PEN	ASU	PIT	IMP	CLI	MTR
n	13	13	13	13	13	14
S	100	100	100	100	85	100
I	0	0	0	0		
R	0	0	0	0	15	0



# UKL 2018

## Anaerococcus prevotii



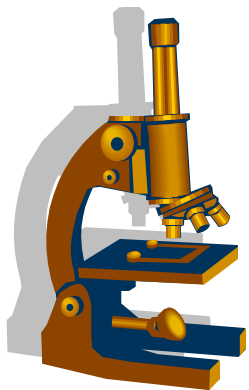
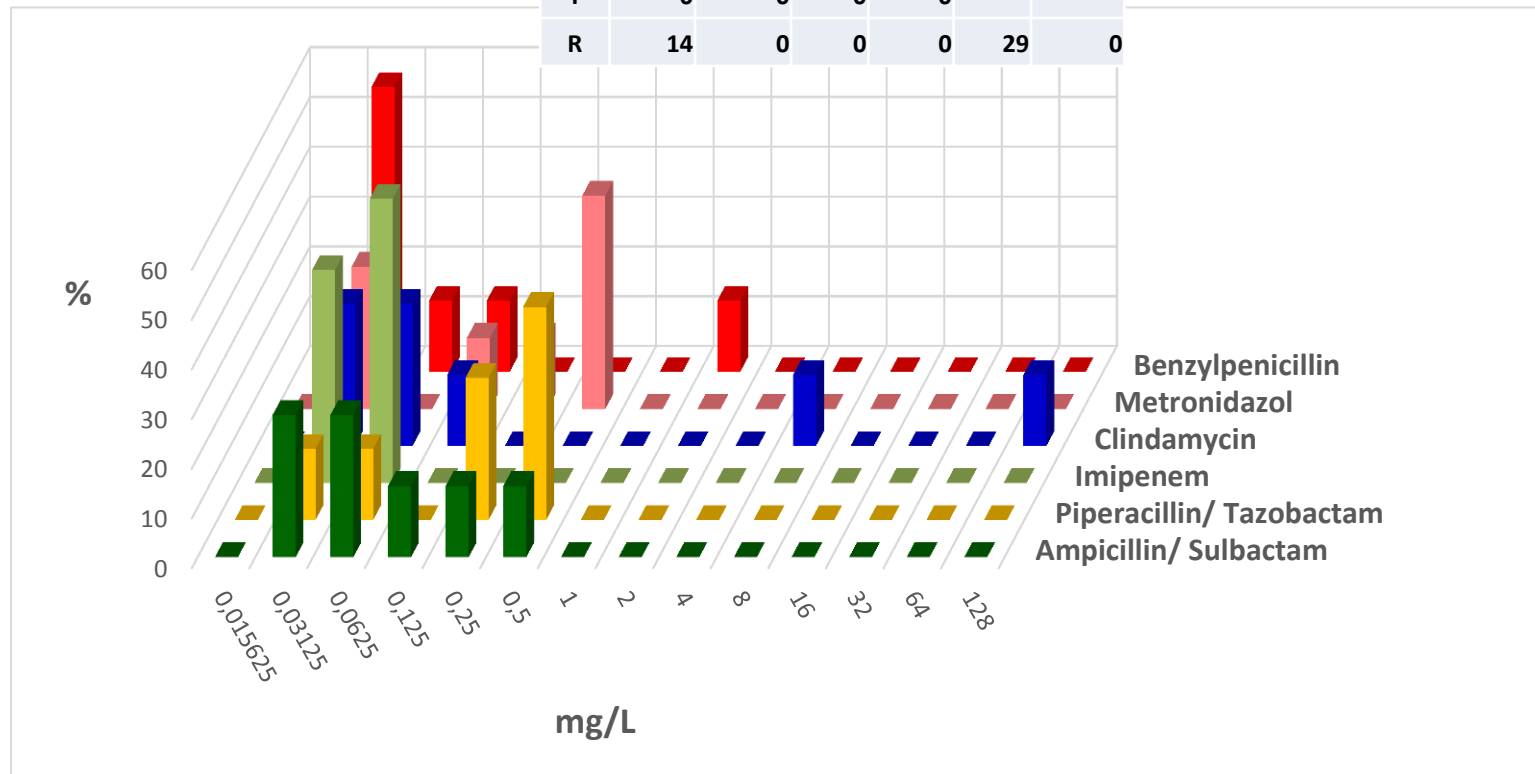
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ZENTRUM FÜR  
INFEKTIONSMEZIN

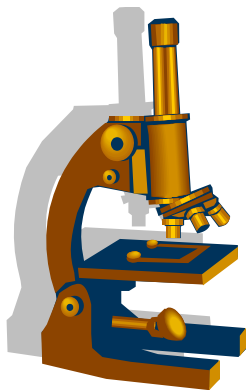
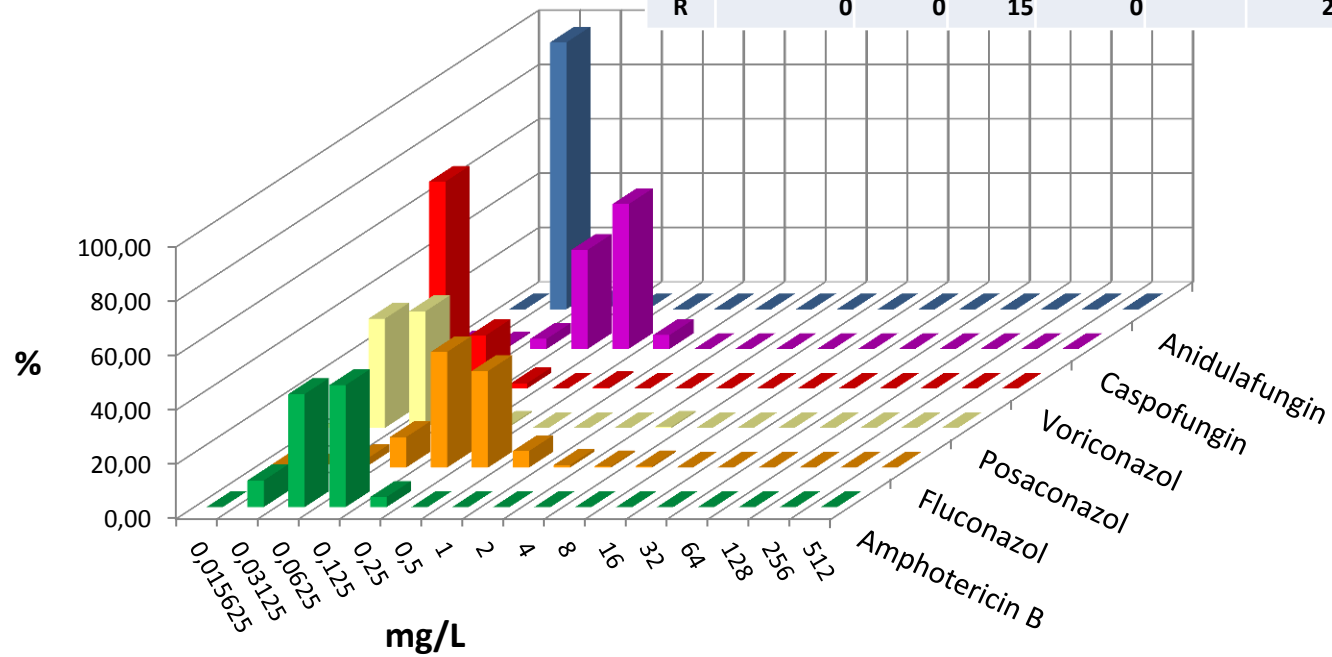
	PEN	ASU	PIT	IMP	CLI	MTR
n	7	7	7	7	7	7
S	86	100	100	100	71	100
I	0	0	0	0		
R	14	0	0	0	29	0



# UKL 2018

## Candida albicans

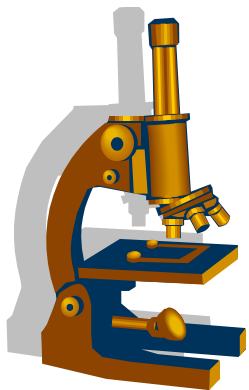
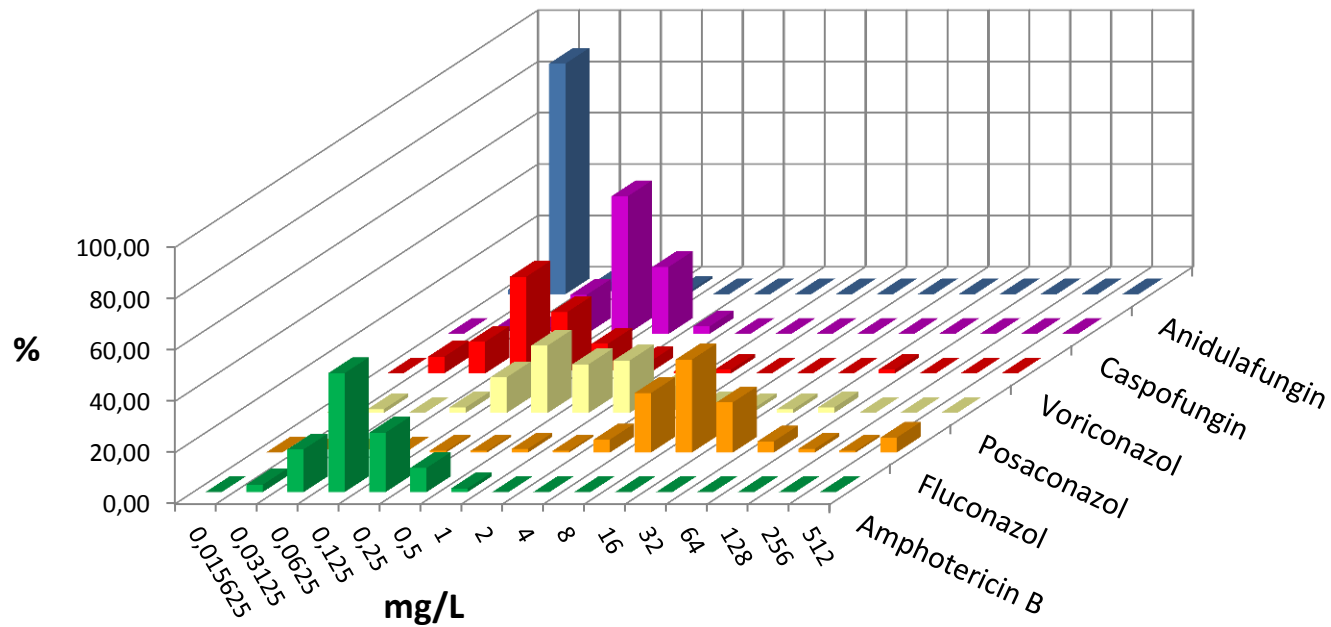
	AMP	FLU	POS	VOR	CAS	AND
n	214	214	214	209	214	172
S	100	99	85	98		98
I		0		2		
R	0	0	15	0		2



# UKL 2018

## Candida glabrata

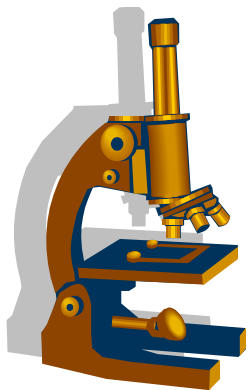
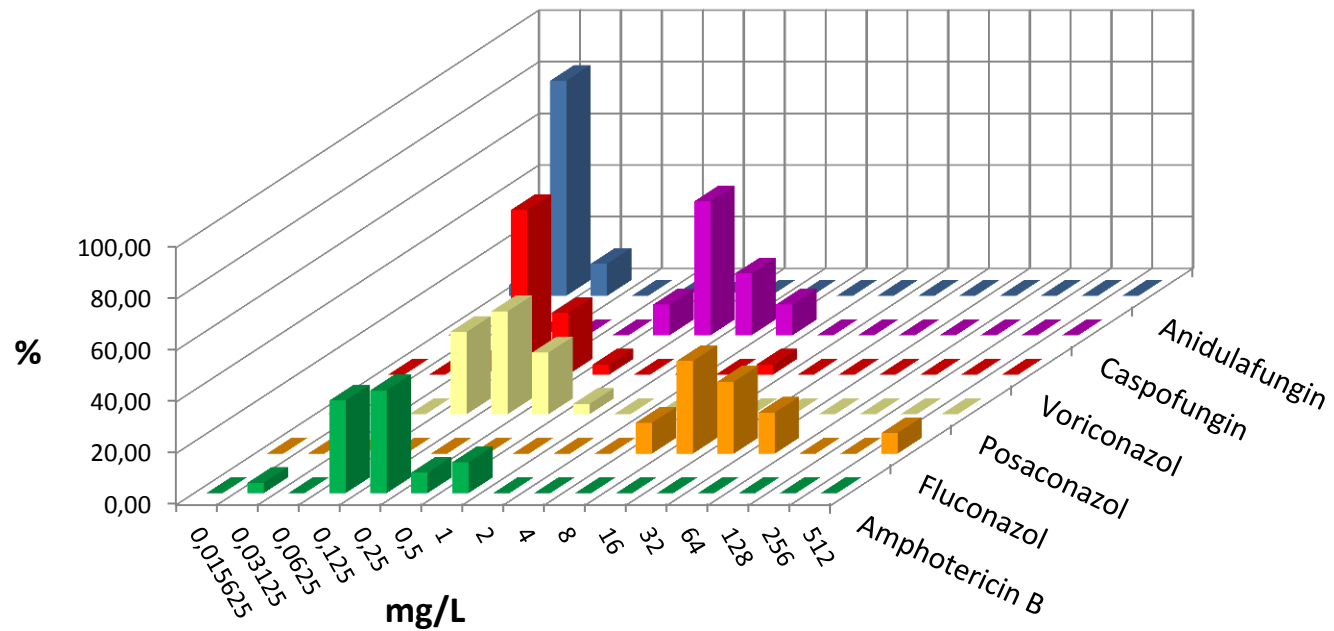
	AMP	FLU	POS	VOR	CAS	AND
n	138	138	137	138	138	109
S	100					95
I		88				
R	0	12				5



# UKL 2018

## Candida krusei

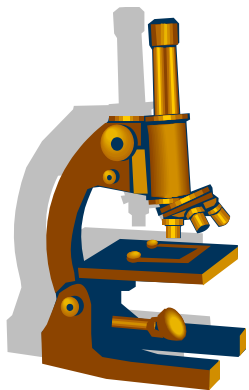
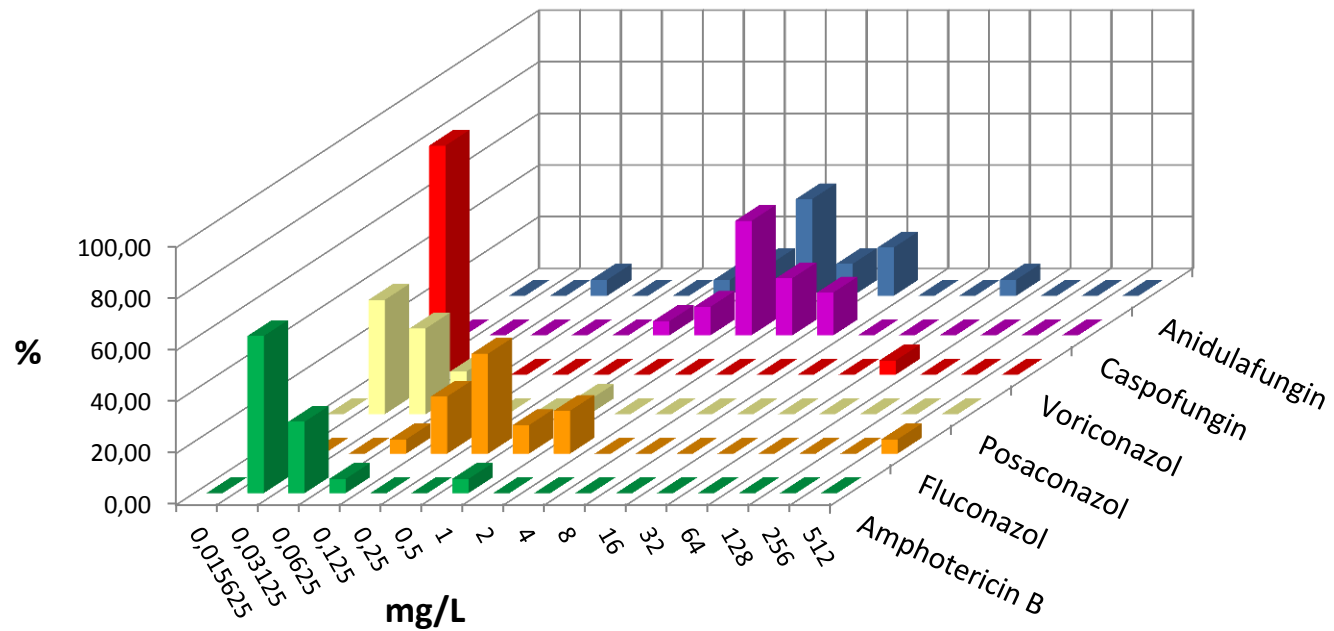
	AMP	FLU	POS	VOR	CAS	AND
n	25	25	25	25	25	24
S	100					100
I						
R	0					0



# UKL 2018

## Candida parapsilosis

	AMP	FLU	POS	VOR	CAS	AND
n	18	18	18	18	18	16
S	100	94	78	94		
I		0		0		75
R	0	6	22	6		25

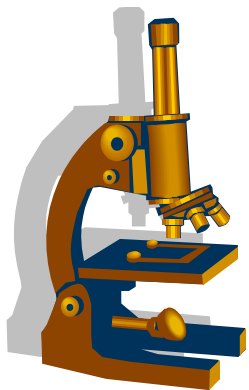
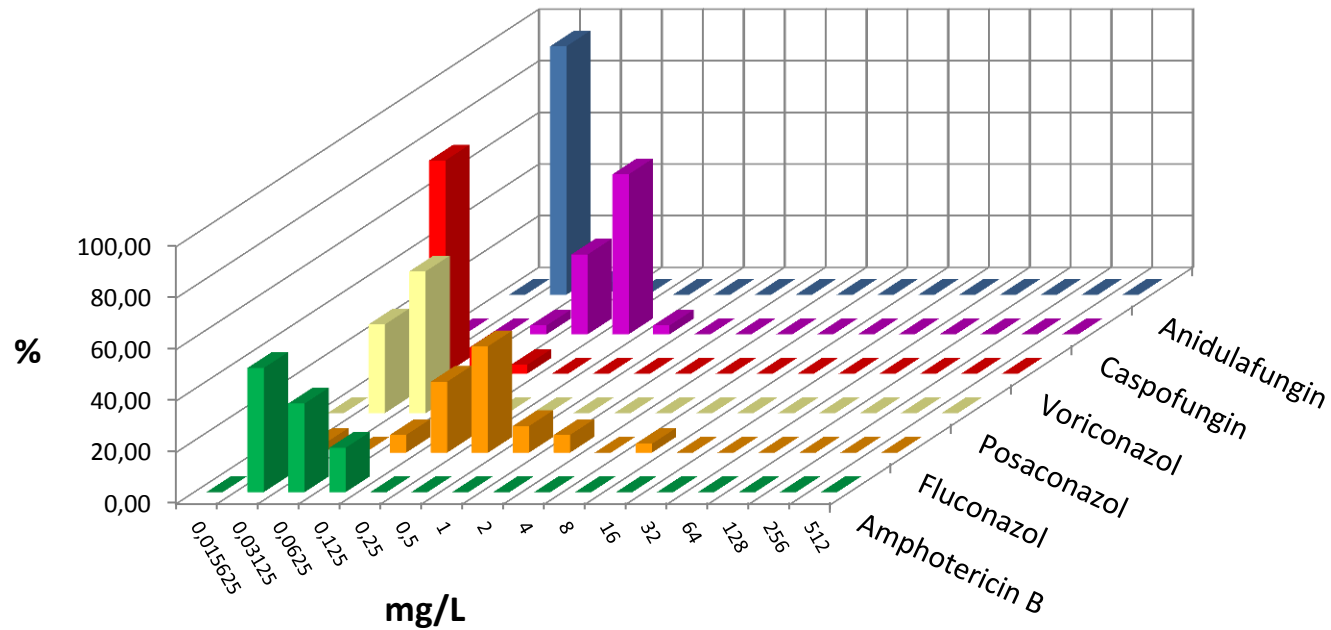




# UKL 2018

## Candida tropicalis

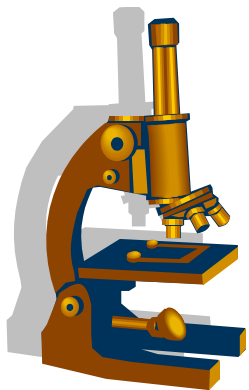
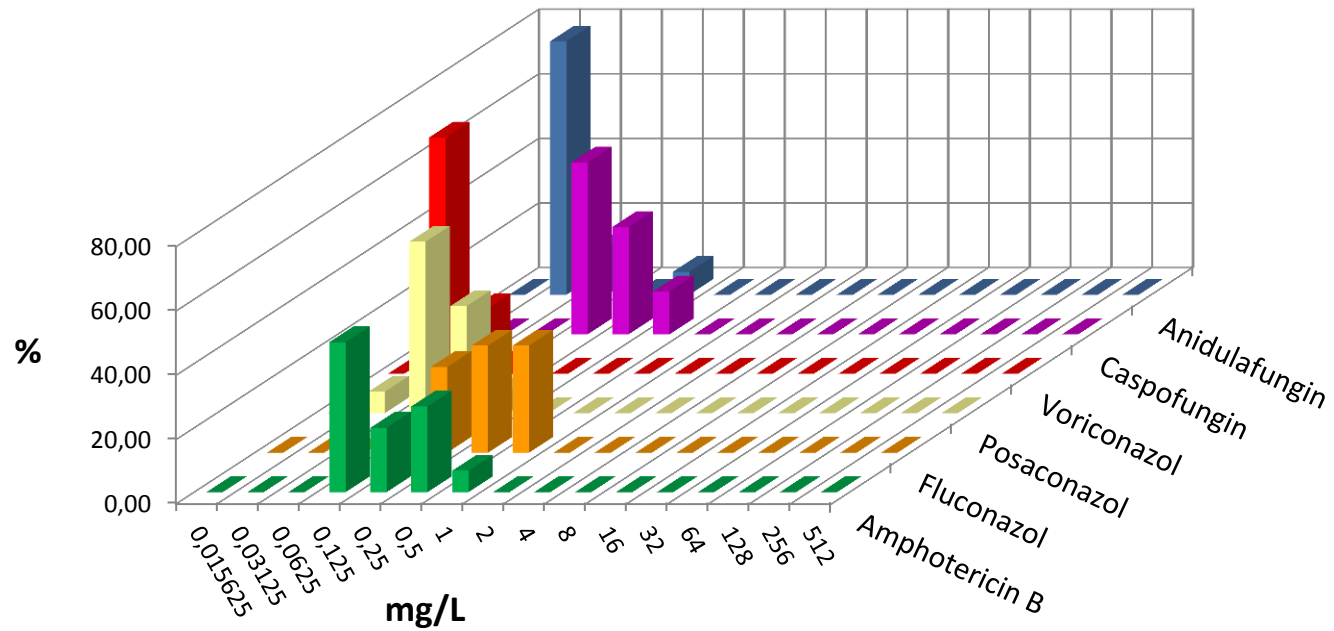
	AMP	FLU	POS	VOR	CAS	AND
n	29	29	29	29	29	27
S	100	97	90	100		100
I		0		0		
R	0	3	10	0		0



# UKL 2018

## Candida kefyr

	AMP	FLU	POS	VOR	CAS	AND
n	15	15	15	15	15	14
S		100				79
I		0				
R		0				21



# UKL 2018

## Aspergillus fumigatus

	AMP	POS	VOR	CAS	AND	IVU
n	78	78	78	78	63	13
S	97	69	100			100
I	3	23	0			
R	0	31	0			0

