

COMMUNICABLE DISEASE
METICILLIN-RESISTANT STAPHYLOCOCCUS AUREUS
(MRSA)

BY
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COMMUNICABLE DISEASE

Ayliffe, J, A, G. (2019) A disease that can be shared either;

Airborne viruses

Cross contamination of blood

Touch

Sexually transmitted

Fecal or oral

NHS .(2019), MRSA Admission Screening Task & Finish Group. (2016),
Curran, T, E. (2017) , Harris, C., Hathway, N., Morgan, S., Gibson, Z. (2017)

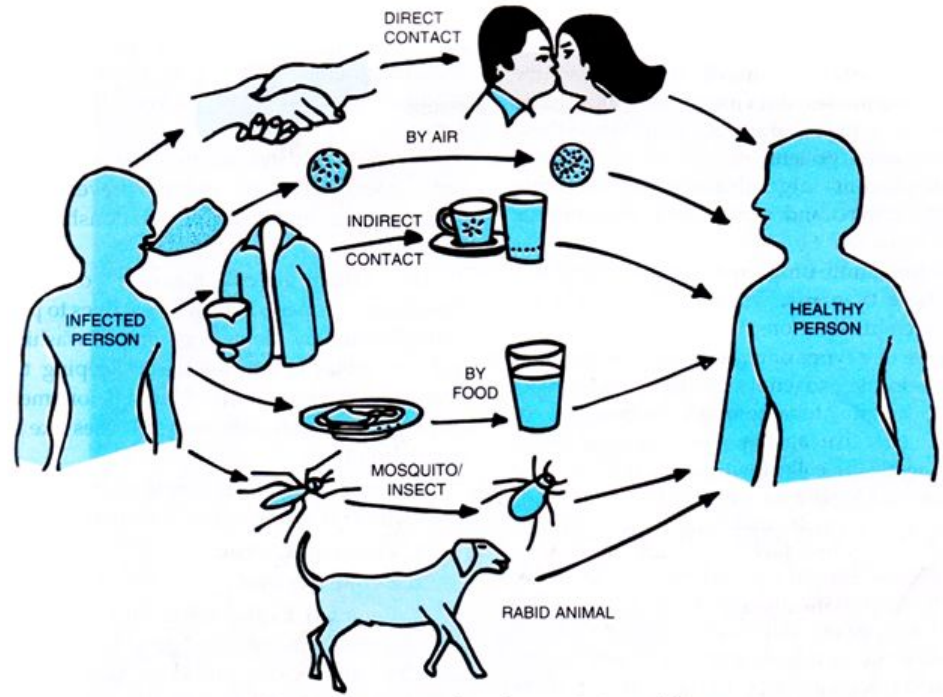
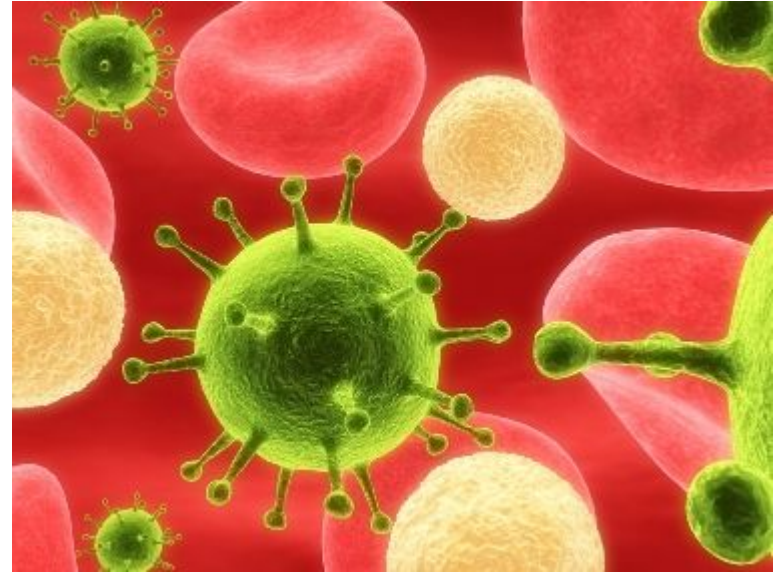


Fig. 8.4. Various modes of transmission of diseases.

MRSA

- Touch
- ❖ Swelling
- Confusion

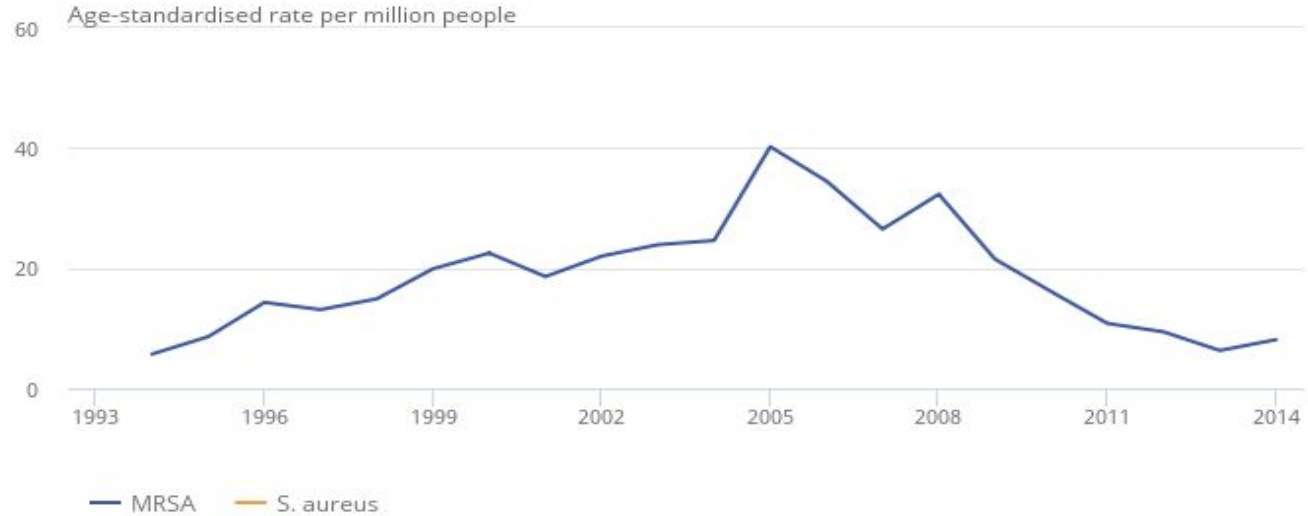
Martin, E., Stryjewski, G., Corry, R. (2014), Rae, N., et al: (2016) Dr Swan, J., Makison, C. (2005)



NHS direct wales
(2018)

Figure 3: Age-standardised rates for deaths involving MRSA and S. aureus

Wales, deaths registered in 1993 to 2014



Source: Office for National Statistics

Khairulddin, N. et al: (2003)

Windsor-Shellard. (2016)

Spike in deaths due to
MRSA in wales 2005

Awareness

Poor death records
kept

Development in
Antibiotics

Turner. R. (2008)

Windsor-Shellard
(2017)

Bro Morgannwg NHS Trust. (2005), Roberts, H. (2016), Morgan, M., et al: (1999) Hussey, R., White, J, (2014)

Table 36: Trends in fusidic acid resistance for Meticillin Resistant *Staphylococcus aureus* (MRSA) from community wound swabs (2011-2016)

AB Code / Year1							%R
Hospital Code	FUS						
	2011	2012	2013	2014	2015	2016	0.00 48.95
A (65)	7.02	11.76	10.00	5.13	15.09	6.25	Key: A= Bronglais C = Royal Glamorgan D = Royal Gwent F = UHW G = Withybush H = Wrexham Maelor J = Glangwili L = Ysbyty Glan Clwyd N = Prince Charles P = UHL S = Singleton
C (121)	5.51	11.43	14.46	15.79	30.38	32.88	
D (224)			0.00	11.17	15.44	12.80	
F (202)	12.80	10.69	16.46	12.73	13.54	24.44	
G (63)	9.46	2.63	6.98	15.00	7.14	9.62	
H (162)	47.62	45.81	48.95	42.44	24.37	33.06	
J (159)	34.11	23.58	27.00	27.58	27.97	32.37	
L (254)	35.27	36.36	40.16	43.29	39.42	41.35	
N (49)			0.00	15.00	19.64	24.39	
P (89)	7.84	13.25	6.45	8.57	27.78	5.00	
S (331)	18.05	18.27	24.62	22.82	16.33	21.27	

Evans, L., Heginbothom, M., Howe, R.
(2017),

Turner, R. (2008), RHIT, CPC, Gray, L. (2013)

Table 37: Trends in tetracycline resistance for Meticillin Resistant *Staphylococcus aureus* (MRSA) from community wound swabs (2011-2016)

AB Code / Year1							
Hospital Code	TET						
	2011	2012	2013	2014	2015	2016	
A (65)	10.53	13.21	15.56	14.10	11.32	6.25	
C (124)	13.08	13.83	23.93	17.54	24.05	20.55	
D (224)			0.00	7.61	13.09	11.20	
F (164)	9.48	8.75	13.41	17.68	18.75	28.81	
G (63)	2.70	2.13	6.82	2.50	2.38	9.62	
H (162)	38.10	41.34	42.63	40.12	34.45	50.41	
J (159)	4.00	0.00	10.32	6.54	3.68	9.21	
K (171)	25.97	17.59	25.32		15.92	20.37	
L (254)	33.04	33.99	32.68	32.90	26.92	40.87	
N (49)			0.00	8.75	17.86	9.76	
P (57)	6.86	18.07	17.74	22.86	38.89	20.00	
S (330)	4.73	6.83	5.34	4.33	5.81	4.50	

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ARHAI MRSA Screening Implementation Group. (2014)

Evans, L., Heginbotham, M.,
Howe, R. (2017)

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