

MRSA Decolonization when
it's in the sputum

Decolonization to Reduce Postdischarge Infection Risk among MRSA Carriers

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Inclusion: any patient with hospitalization within 30 days, MRSA from any site

Randomized 1:1 education and decolonization

Decolonization:

5 days twice monthly x 6 months

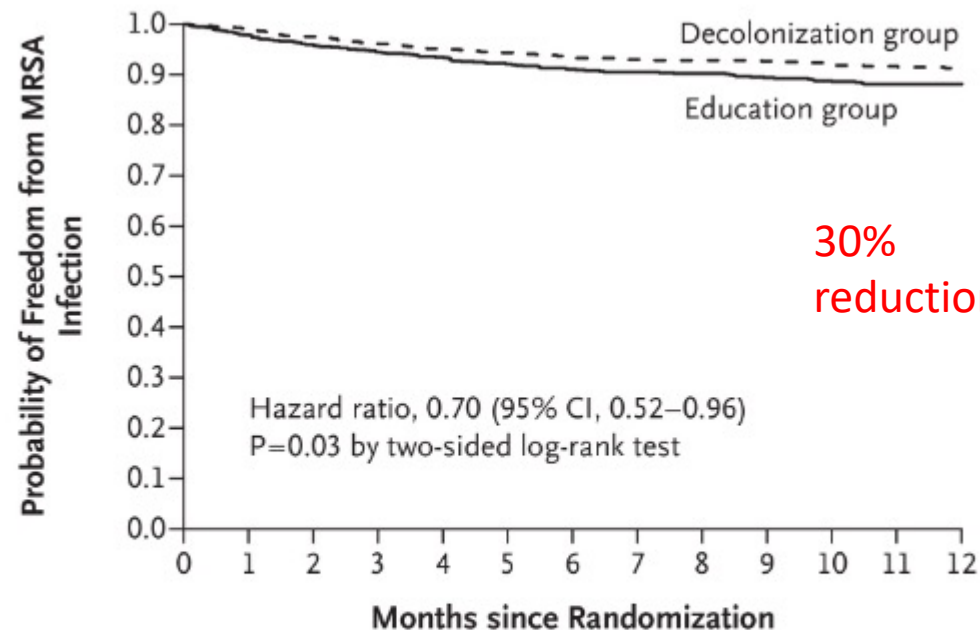
-Daily chlorhex bath/shower

-Twice daily chlorhex mouthwash

-Twice daily mupirocin

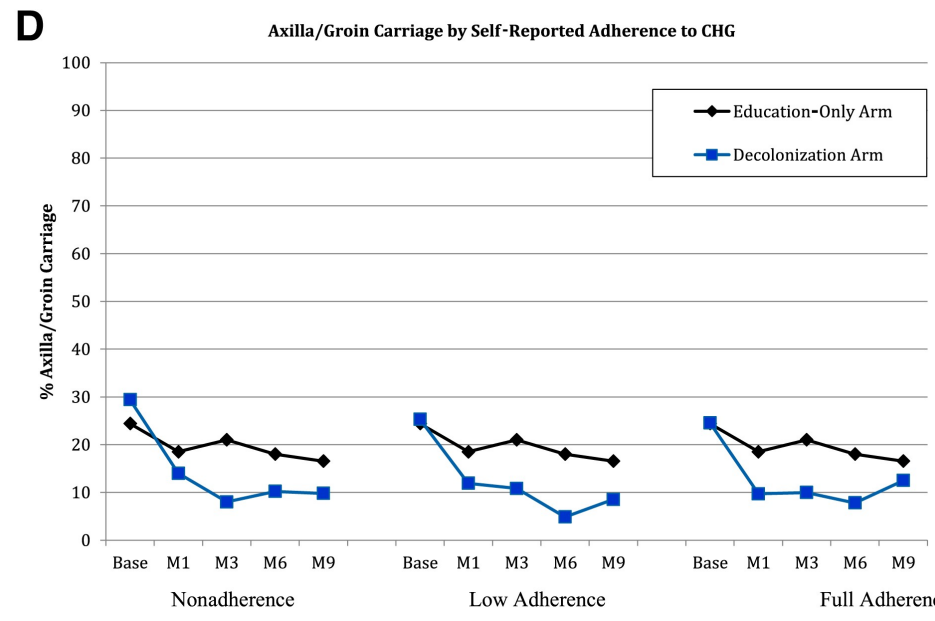
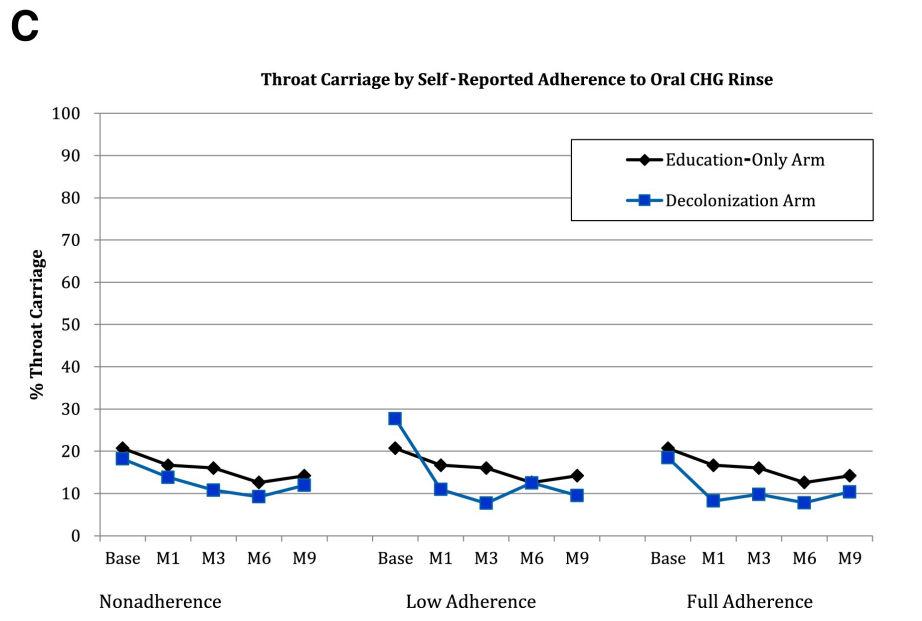
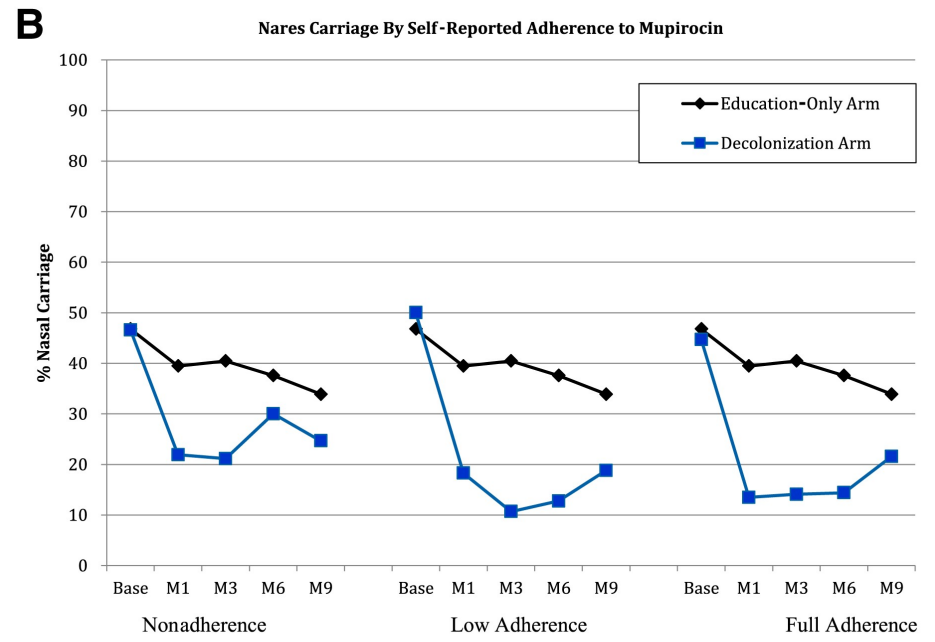
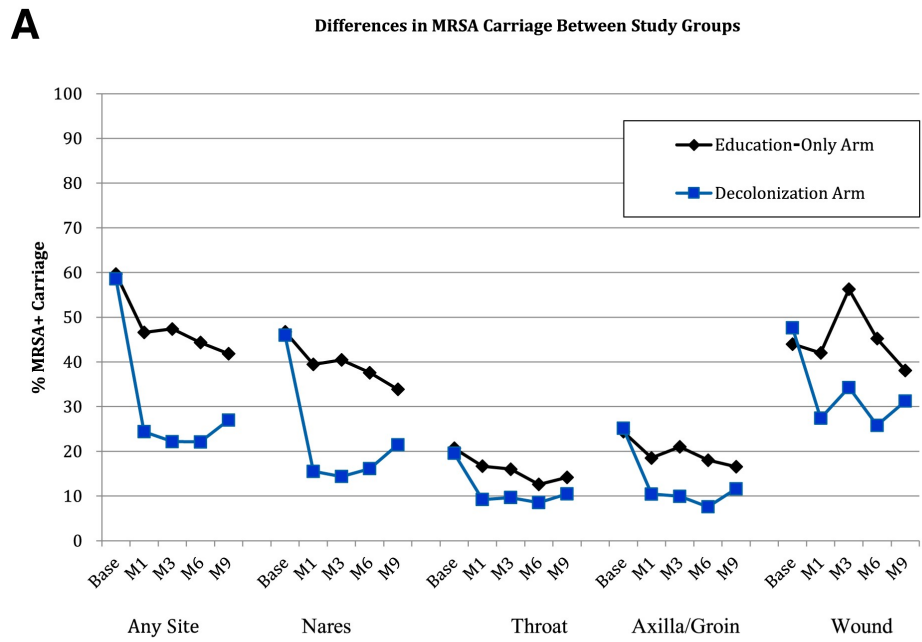
4% of included patients in either arm had + respiratory cultures

A Freedom from MRSA Infection



No. at Risk (cumulative no. of infections)

Decolonization	1058 (0)	765 (34)	671 (54)	592 (59)	452 (67)
Education	1063 (0)	795 (51)	694 (78)	608 (90)	466 (98)
Total	2121 (0)	1560 (85)	1365 (132)	1200 (149)	918 (165)



Limitations

- Mupirocin resistance, does it matter
- Durability
- Cost to the patient and family
- Addition of oral antibiotics for decolonization??
- Structural lung disease