



New MRSA?

Objective: to compare two methods of treatment against new acquisition of MRSA in CF.

Subjects:

- ages 4 to 45 with Cystic Fibrosis.
- New acquisition of MRSA in the past 6 months
- Must NOT have taken antibiotics with activity against MRSA in the past month.
- Tolerant to TMP/SMX, rifampin, or minocycline

Study Visits: 5 Visits over 6 months. First 3 visits are within 28 days. Last two visits coincide with clinic visits.

Activities: skin and throat cultures, blood draw (2 if over the age of 12), questionnaires, physical exam and spirometry.

Treatment Arm: 5 days topical antibiotics, 14 days oral antibiotics, 21 days environmental decontamination. Oral abx used: rifampin and TMP/SMX or minocycline.

Observational Arm: during the first 28 days only treated for MRSA if subject has an exacerbation. Treatment choice of MD.

Primary Endpoint: presence or absence of MRSA on sputum/throat culture on day 28.

IRB
APPROVED

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Contact: Dawn Baker at (352) 273-8380