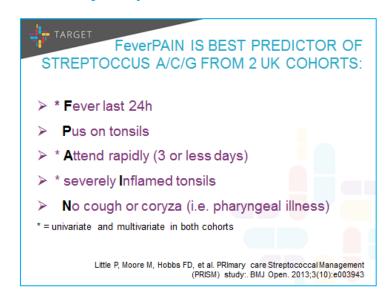


Using FeverPAIN score in your practice - TARGET antibiotics summary 2016



You can use the **FeverPAIN** scoring system for sore throat from this link.

PHE antibiotic guidance suggests you use the FeverPAIN score to guide antibiotic use in acute sore throat:

Score 0-1: 13-18% streptococci, use NO antibiotic strategy;

Score 2-3: 34-40% streptococci, use 3 day back-up antibiotic;

4 or more: 62-65% streptococci, use immediate antibiotic if severe, or 48hr short back-up prescription.

In a <u>UK study</u> the FeverPAIN score reduced antibiotic use by 29% (60/161, 37%) compared to a delayed antibiotic strategy (75/164, 46%), and the score was similar to using a Rapid Antigen Detection test for Group A streptococcus (58/164, 35%). Belief in antibiotics, and reconsultation were similar in the 3 groups.

The score was developed in a large cohort of UK General practice patients aged 5 years and over: As you can see 17% of patients with acute sore throat had a FeverPAIN score of 4 or over, and of these 62% had a Group A,C,or G streptococcus. In contrast 38% had a score of ≤ 1 and only 11-14% had streptococcus, which is similar to UK carriage rates.

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| | FeverPAIN score in cohort of 570 patients in UK general practice | | | | | |
| | 0 | 1 | 2 | 3 | 4+ | TOTAL |
| Number patients with Streptococcus (% PPV) | 7 (11%) | 21 (14%) | 45 (30%) | 40 (39%) | 62 (62%) | 175 (31%) |
| Total number patients with each score | 63 (11%) | 155 (27%) | 149 (28%) | 103 (18%) | 100 (17%) | 570 (100%) |