

Cystic fibrosis monitoring system (t+ ‘Think Positive’)
Reported to NICE July 2006
Reason for update – status of ongoing trial

Trial name or code	MOTEX-CF
Sponsor	T+ Medical & O ₂
Status	Unpublished final report by Dr S Sarfaraz & Dr NA Jarad (provided by T+ Medical). Study started July 2004 and finished August 2006.
Location	Department of Respiratory Medicine, Bristol Royal Infirmary
Design	Single arm; versus historical care of same patients
Participants in trial	No. of patients invited: n=73 No. of patients recruited: n=51 No. of drop-outs: n=25 Patients used the system for 6 months
Key results	No. of CF exacerbations detected during the study: n=48 No. of CF exacerbations detected by the system: n=30 No. of exacerbations in which patients presented but not detected by the system: n=14 No. of false positive exacerbations: n=3 30 exacerbations detected resulted in treatment with oral rather than IV antibiotics: <ul style="list-style-type: none"> ▪ Total drug cost of 30 exacerbations treated with IV antibiotics – approx. £54,000 ▪ Total drug cost of 30 exacerbations treated with oral antibiotics – approx. £390
Additional Notes	<ul style="list-style-type: none"> ▪ Technical problems were experienced during the study due to the robustness of the XDA. As a result all development plans have been dropped with that product in favour of conventional phones ▪ There are no plans for a more detailed analysis ▪ No specific plans currently to publish although company are working with O₂ and Dr Jarad concerning presentations and publications