

- TVO Quantification: bacteria, moulds and spores!!!
- Nosocomials pathogen rapid Real-time PCR detection in air:
 - *Staphylococcus aureus* (SARM)
 - *Aspergillus flavus*
 - *Legionella* spp. y *Legionella pneumophila*
 - *Mycobacterium tuberculosis*
 - Others
- Genetic factors for antibiotic resistance detection: Therapeutic support

LIMITATIONS OF CLASSICAL METHODS:

- Time to Results (TTR) is long and dependent on a variety of factors.
- Time unable to detect viable but non-culturable organisms which may recover in product.
- Intensive labour and time-consuming = WAITING LISTS.



Solution:

Control by Simple Genetic Analysis Real-time PCR

Implementation of MDC validated systems: 4 hours detection methods



PROFITS:

- Prevention of nosocomial infections.
- Fast and reliable results.
- Low cost and few time technologies.
- Technological support and training.

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