

## NGD deploys integrated transmission detection system to largest medical centre in Middle East

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**Sheba is the first medical centre in Israel to have deployed NGD's technology**



NGD Infection Prevention, a global provider of real-time genomic transmission detection for hospitals, has deployed an integrated transmission detection system to Sheba Medical Centre in Ramat Gan, Israel. Sheba, the largest medical centre in the Middle East and ranked among the top 10 hospitals in the world, will be the first hospital in Israel to implement NGD's sequencing-based system to detect and prevent outbreaks as they start.

NGD Infection Prevention's system combines low-cost, fully automated sequencing sample preparation with automated bioinformatic analysis and actionable reporting into a single end-to-end system. The NGD200 system performs automated sequencing sample preparation while the EpiAssist user interface delivers daily transmission reports, including automated root-cause analysis to support timely intervention by Infection Prevention teams. This automation enables use in hospitals (where overnight bacterial sequencing is currently not commonplace) as well as the low cost/sample required for broad adoption. The result is a very high return on investment from shortening average length-of-stay, reduction of treatment costs, and above all protecting patients from the spread of drug-resistant infection.

"Israel, and the entire Middle East, has to deal with drug-resistant bacterial infections, making it critical to identify transmission as soon as it occurs to guide intervention and prevent spread," noted NGD CEO Paul A. Rhodes, Ph.D.