

Stealthy Invader: NDM+ K. pneumoniae via Gastroscope



USA
LARGE ACADEMIC ACUTE-CARE
HOSPITAL, NEW JERSEY
2024

PROCEDURE:

EGD (GASTROSCOPE WITHOUT ELEVATOR CHANNEL)

PATHOGEN:

NDM-PRODUCING K. PNEUMONIAE



CASES INFECTED:

- NOT SPECIFIED EXACT NUMBER
ASYMPTOMATIC COLONIZATIONS
DETECTED AMONG SHARED
SCOPE EXPOSURES



REPROCESSING FAILURE:

ALL CULTURES NEGATIVE; WGS AND EPIDEMIOLOGY POINT TO GASTROSCOPE-BASED TRANSMISSION IN ASYMPTOMATIC COLONIZED PATIENTS.



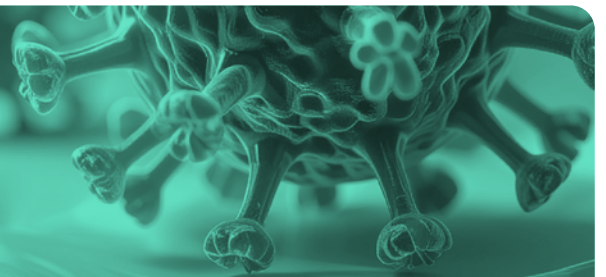
PATHOGEN IMPACT:

CAUSES SEVERE BLOODSTREAM AND GI INFECTIONS; TREATMENT LIMITED DUE TO CARBAPENEM RESISTANCE. MORTALITY CAN EXCEED 30%.

SOURCE: Li D, Shi Q, Chen Y, et al. Clinical and microbiological characteristics of bloodstream infections caused by *Klebsiella pneumoniae*: a systematic review. *Front Cell Infect Microbiol.* 2023;13:1157010

CONSEQUENCES:

- POLICY UPDATES REGARDING SCOPE ASSIGNMENT
- ENHANCED ENVIRONMENTAL SURVEILLANCE
- POSSIBLE USE OF SINGLE-USE DEVICES



**Protect your patients, protect your hospital ,
let's find the right solution together.**

SOURCE: Yang X, Sawaya A, Li S, et al. Transmission of New Delhi metallo- β -lactamase-producing *Klebsiella pneumoniae* via gastroscopes without elevator channels. *Clin Infect Dis.* 2024. <https://pubmed.ncbi.nlm.nih.gov/38563218/>

ASP International GmbH,
Im Majorenacker 10, Schaffhausen Schweiz
©ASP 2025. Alle Rechte vorbehalten.

asp.com

AP-2501173-01-1