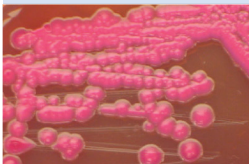


# NDM-1 superbugs

Experts have warned that a new type of drug-resistant superbug is emerging in British hospitals.

*New Delhi metallo- $\beta$ -lactamase-1*, or NDM-1, is an enzyme that can spread between different bacteria

■ **NDM-1:** Bacteria carrying NDM-1 can become resistant to **carbapenem antibiotics** – last line of defence against multi-resistant bacteria



■ **Origin:** Widespread in India, Pakistan and Bangladesh. NDM-1 has now reached Britain, U.S., Canada, Australia and Netherlands

■ **Hosts:** NDM-1 has been found in two types of bacteria – gut bacterium *E.coli* and *Klebsiella*, a strain that can invade lungs

■ **Risk:** Enzyme could spread to more dangerous infections making them almost impossible to treat