

If you have a visual impairment this leaflet can be made available in bigger print or on audiotape. If you require either of these options please contact the Patient Information Centre on 0161 922 5332

Language, Interpretation and Patient Support Service (LIPS):

If you require an interpreter to assist your appointment, please ask an appropriate family member to contact our central booking office between **Monday to Friday 8am to 5pm** on **0161 922 6991** to arrange this for you. Further information can be found on the Trust public website <https://www.tamesidehospital.nhs.uk/patients/lips.htm>

語言翻譯及病者支持服務 (LIPS):

如果閣下需要翻譯員在您的預約當日幫助您的話 請找一名合適的家庭成員 **0161 922 6991** 聯絡本中央預約辦事處來您您安排 我們的辦公時間是星期一至星期五 上午 8 時至下午 5 時

Językowo Tłumaczeniowa Usługa Pomocy dla Pacjenta (Language, Interpretation and Patient Support Service LIPS):

Jeśli potrzebujesz pomocy tłumacza w trakcie swojej wizyty, proszę poprosić odpowiedniego członka rodziny o skontaktowanie się z Centralnym Biurem Zamówień (Central Booking Office), w celu zorganizowania tłumacza pomiędzy poniedziałkiem a piątkiem w godzinach od 08:00 - 17:00 pod numerem 0161 922 6991.

لینگویج، انٹریٹیشن اینڈ پیسینٹ سپورٹ سروس (Lips)

اگر آپ کو اپنی پابلیشمنٹ کے لئے مترجم کی مدد کی ضرورت ہو تو براہ مہربانی اپنے خاندان کے کسی موزوں فرد سے کہیں کہ وہ ہمارے سنٹرل بک آفس سے پیر سے جمعہ 8.00 بجے صبح سے 5.00 بجے شام کے دوران 0161 922 6991 پر فون کر کے اس کا بندوبست کریں۔

Help us to help you It is important that we keep your records up-to-date. If the information about you is incorrect, we may be unable to contact you should we need to inform you about any changes to your appointment. Therefore, if you change your GP/Dentist, address or telephone number, please contact us as soon as possible. Please provide a mobile number where possible as we operate an appointment reminder service via text message.

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Extended Spectrum Beta Lactamase (ESBLs)

Patient Information Leaflet
Infection Prevention

What are ESBLs?

Extended Spectrum Beta Lactamase (ESBLs) are enzymes that break down antibiotics produced by a group of Gram-negative bacteria (predominantly bowel organisms) such as E.coli and Klebsiella. It is one of the ways in which bacteria develop resistance. ESBLs are unusual in that as the name suggests, they break down an exceptionally wide variety of antibiotics.

E.coli is a common organism that lives naturally in the human gut and commonly causes urinary tract infections. (These strains causing urinary tract infections are different from E.coli 0157, which is important in food poisoning).

Klebsiella are found widely throughout nature and are often found on the skin and in the throat and gastrointestinal tract. Klebsiella infections tend to occur in people with a weakened immune system.

How are they spread?

There is some evidence suggesting that they can be found in the faeces of farm animals as well as some humans. This means that it is possible that contamination of food e.g. raw meat, by bacteria from animal faeces has led to infections in humans.

It is possible that these bacteria are passed from person to person by contaminated hands (of health care workers and patients) or by poor practice in urinary catheter care. Spread is made easier if bacteria normally present in the gut are killed by taking antibiotics.

Who gets ESBL's?

The majority of those with ESBLs are over the age of 65 and female. ESBLs are more commonly found in the urine and sputum. Often these patients have multiple courses of antibiotics for repeated infections. ESBLs live harmlessly in the gut until the patient becomes ill and requires antibiotics.

Control of spread

- Rigorous hand washing for patients and staff.
- Standard infection control precautions.
- Strict adherence to the antibiotic policy and guidelines.
- Sometimes the bacteria will be lost naturally.

REFERENCE

Health protection Website for further information
https://www.gov.uk/search?q=esbls&show_organisations_filter=true

If you have any questions you want to ask, you can use this space below to remind you.