



EXERCISE BLACK TRAPEZIUM



EXERCISE - EXERCISE - EXERCISE

Exercise Date: 24 November 2010
Time: 08:00
Exercise Note: UK (Excon) to post on EPIS

Inject 1

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Information for EPIS

Number of cases

4

Epidemiological Information

The UK is currently investigating an increase in the number of cases of illness associated with tetracycline resistant *Salmonella* Typhimurium which may have relevance to other countries. We have 4 laboratory confirmed cases with onset dates between 1-4 November, the sex and ages were as follows – Male 4Y, Male 56Y, Female 48Y, Female 84Y. All the cases are linked and recently returned from Romania. Further investigation is underway and the laboratory is currently carrying out PFGE and MLVA analysis with results expected in the next few hours.

Suspected sources

Unknown

Organism Characteristics

All isolates are tetracycline resistant and have the antigenic structure 4,5,12:i:-. Although this strain is found to be monophasic, it reacts with the *S. Typhimurium* phages and has a recognised phage pattern (DT120) therefore it is considered by the Health Protection Agency to be *S. Typhimurium*.



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EXERCISE - EXERCISE - EXERCISE

Exercise Date: 24 November 2010
Time: 08:10 GMT
Exercise Note: Germany (Excon) to EPIS

Inject 2

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Information for EPIS

Do you have similar cases? No

Number of cases 0

Epidemiological Information

The specific monophasic tetracycline resistant *S.Typhimurium* with a phage pattern DT120 and the antigenic structure 4,5,12:i:- has not been seen in Germany in 2010.

Suspected Sources

Organism Characteristics



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Exercise Date: 24 November 2010
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Exercise Note: Forward inject content to Denmark

Inject 3

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Information for EPIS

Do you have similar cases? Yes

Number of cases 2

Epidemiological Information

Denmark has seen two laboratory confirmed cases of *Salmonella* Typhimurium phage type DT120 in 2 non-Danish nationals working in Denmark, Male age 26 and Male age 28, They have recent travel history returning from Ljubljana, Slovenia prior to onset of symptoms on 18/19 November.

Suspected Sources

unknown

Organism Characteristics

The MLVA pattern of the strain is identical in both cases and is 3-13-10-0-211



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EXERCISE - EXERCISE - EXERCISE

Exercise Date: 24 November 2010
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Exercise Note: Forward inject content to Spain

Inject 4

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Information for EPIS

Do you have similar cases? Yes

Number of cases 3

Epidemiological Information

We report from Spain 3 recent cases of atypical dulcitol negative monophasic *Salmonella* Typhimurium. The cases were reported on 14 November in a Male 35Y, a female 34Y and a male 4Y. They have no recent travel history.

Suspected Sources

unknown

Organism Characteristics

dulcitol negative, monophasic *Salmonella* Typhimurium;



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Time: 08:30 GMT
Exercise Note: Forward inject content to Norway

Inject 5

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Information for EPIS

Do you have similar cases? Yes

Number of cases 1

Epidemiological Information

Norway has identified a recent case of *Salmonella* typhimurium with a phage type DT120 and resistant to tetracyclin (T). The case was reported on 4 November in a Male 55Y with a recent travel history to Romania in the period 17-31 October.

Suspected Sources

unknown

Organism Characteristics

Salmonella Typhimurium Phage type DT120, Tet^R



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EXERCISE - EXERCISE - EXERCISE

Exercise Date: 24 November 2010
Time: 08:40 GMT
Exercise Note: Forward inject content to Greece

Inject 6

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Information for EPIS

Do you have similar cases? Yes

Number of cases 1

Epidemiological Information

Greece have identified one case with similar strain characteristics to that reported by the UK. The sample was taken from a hospitalised resident 80Y male with no recent travel history, and reported 7 days ago. Symptoms were first seen on 11 November.

Suspected Sources

unknown

Organism Characteristics

Group B monophasic *Salmonella* with the antigenic structure 4,5,12:i:-.



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EXERCISE - EXERCISE - EXERCISE

Exercise Date: 24 November 2010
Time: 08:50 GMT
Exercise Note: Slovakia (Excon) to EPIS

Injct 7

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Information for EPIS

Do you have similar cases? No

Number of cases 0

Epidemiological Information

The specific *S.Typhimurium* identified by the UK has not been detected in Slovakia in the past 12 month period.

Suspected Sources

Organism Characteristics



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EXERCISE - EXERCISE - EXERCISE

Exercise Date: 24 November 2010

Time: 09:00 GMT

Exercise Note: Excon to Romania

Inject 8

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Information for EPIS

Do you have cases? No

Number of cases 0

Epidemiological Information

The specific *S.Typhimurium* identified by the UK has not been detected in Romania in the past 12 month period. However, we note the responses of colleagues in the UK and Norway that cases both have recent travel history to Romania. We have rechecked with colleagues for up-to-date information and we are not aware of any recently detected cases.

Suspected Sources

N/A

Organism Characteristics

N/A



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EXERCISE - EXERCISE - EXERCISE

Exercise Date: 24 November 2010

Time: 09:10 GMT

Exercise Note: Excon to Malta

Inject 9

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Information for EPIS

Do you have similar cases? Yes

Number of cases 1

Epidemiological Information

Female, 64 with recent travel history (Ljubljana, Slovenia) has been taken ill with *Salmonella* on 20th November. Reports from the Infection Disease Prevention and Control unit (IDCU) have typed the strain isolated as an unusual group B *Salmonella*. Further typing is being undertaken.

Suspected Sources

No information

Organism Characteristics

No further information



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Exercise Date: 24 November 2010

Time: 09:20 GMT

Exercise Note: Excon to Ireland

Inject 10

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Information for EPIS

Do you have similar cases? Yes

Number of cases 1

Epidemiological Information

The Irish Health Service can report 1 case of a dulcitol negative strain of *Salmonella* Typhimurium in a 24Y male, recently returned from Romania. The date of onset of symptoms was 19 November.

Suspected Sources

No information

Organism Characteristics

No further information



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Exercise Date: 24 November 2010
Time: 09:30 GMT
Exercise Note: Excon to ECDC and Malta (for information only)

Inject 11

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Malta Today

Malta's news portal

Overnight the diplomat and former deputy leader of the Nationalist party, 64Y, has been rushed to hospital with food poisoning. This morning, the once leading light of the nationalist party, who was ousted by infighting within the party after the 2008 general election, was said to be comfortable in hospital. A hospital spokesperson described her condition as stable and the cause as 'consistent with a *Salmonella* infection exacerbated by underlying medical conditions'. She was attending her daughter's wedding here in Valetta although it is unclear at this stage if the *Salmonella* food poisoning occurred at the wedding. Iceland caterers, one of Malta's premier catering companies claimed they were unaware of any problems with the food they provided at the recent event. Health officials continue to monitor the potential outbreak.



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Exercise Date: 24 November 2010
Time: 10:40 GMT
Exercise Note: UK (Excon) to Epis – remember to include attachment 1
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Information for EPIS

Epidemiological Information

UK have reanalysed their isolates from this outbreak and found them to be all dulcitol negative. In addition, the MLVA profile has been found to be 3-13-10-0-211. PFGE has also now been completed and is attached.

Suspected Sources

No information

Organism Characteristics

See above



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EXERCISE - EXERCISE - EXERCISE

Exercise Date: 24 November 2010

Time: 10:50 GMT

Exercise Note: Excon to Ireland

Inject 14

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Information for EPIS

Epidemiological update

The MLVA profile for the case in Ireland has been confirmed as 3-13-10-0-211

Suspected Sources

No information

Organism Characteristics

See above



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Exercise Date: 24 November 2010
Time: 11:00 GMT
Exercise Note: UK (Excon) to ECDC

Inject 15

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UK requests ad hoc forum to discuss possible implication of atypical *Salmonella* outbreak.

Suggested agenda items to include:-

- Who is leading?
- Case definition?
- Outbreak line list?
- Trawling questionnaire?
- Next steps?



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Exercise Date: 24 November 2010

Time: 11:05 GMT

Exercise Note: Excon to Malta

Inject 16

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Information for EPIS

Epidemiological update

Malta have now typed their strain and the serotype is identified as a *Salmonella* Typhimurium 4,5,12:i:-.

Suspected Sources

No information

Organism Characteristics

See above



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Exercise Date: 24 November 2010
Insert Time: 11:05
Exercise Note: Forward inject content to Denmark

Inject 17

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Further Information

Further background information is now available on the two cases of *Salmonella* Typhimurium phage type DT120. The two male Slovenians work in a meat packers in Vejen (Skate meat packers K/S) and were sent home and referred to the doctors because of the nature of their work. The meat packers export to Norway, the UK and Ireland.



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EXERCISE - EXERCISE - EXERCISE

Exercise Date: 24 November 2010
Insert Time: 11:10
Exercise Note: Forward inject content to Spain

Inject 18

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Further Information

Further background information is now available on the 3 atypical dulcitol negative monophasic *Salmonella* Typhimurium cases identified in Spain. The family, although now living permanently in Spain, originate from Romania.



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EXERCISE - EXERCISE - EXERCISE

Exercise Date: 24 November 2010
Insert Time: 11:15
Exercise Note: Forward inject content to Norway

Inject 19

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Further Information

Further background information is now available on the case in Norway. The 55Y male had been staying in a self-catering apartment in Mangalia on the Black Sea with his wife. He had been ill on the last day of the holiday and on return had been to see his doctor to get antibiotics. Samples were taken and analysed at the local hospital before further analysis at FHI.



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EXERCISE - EXERCISE - EXERCISE

Exercise Date: 24 November 2010
Insert Time: 11:20
Exercise Note: Forward inject content to Greece

Inject 20

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Further Information

Further background information on the single case of unusual group B monophasic *Salmonella* with the antigenic structure 4,5,12:i:- in Greece. The sample was taken from a hospitalised resident of Alexandroupoli in eastern Greece, an 80 year old male.



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Exercise Date: 24 November 2010
Insert Time: 11:25
Exercise Note: Forward inject content to Ireland

Inject 21

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Further Information

The single case previously identified, male 24Y carrying the dulcitol negative strain of *Salmonella* Typhimurium, has recently returned from a holiday in the West of Romania where he had been working as a volunteer on a joint project with a University of Edinburgh and its archaeology department, on excavating a stone age settlement in the West Romania. This settlement is located a few kilometres below the Iron Gates gorge (Portile de Fier) on the River Danube.



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Exercise Date: 24 November 2010
Insert Time: 13:00
Exercise Note: Forward Inject content to Greece

Inject 23

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Further update for EPIS

Further update on the Greek case off unusual group B monophasic *Salmonella* with the antigenic structure 4,5,12:i:-. The case, male 80Y is a resident of Alexandroupoli in eastern Greece, but is an ethnic Romanian with a family in Orsova in South West Romania on the Serbian border. Further enquiries have revealed the case recently received a visit from his relatives in Romania to celebrate his birthday and they brought local food from the region with them to share at the celebration. We are trying to obtain further information on the foodstuffs involved .



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Exercise Date: 24 November 2010
Insert Time: 13:15
Exercise Note: Forward Inject content to Spain

Inject 24

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Further update for EPIS

Further investigation by Spain has established that the 3 cases may be linked with the receipt of a food parcel from Romania. The maternal grandmother sent a parcel of food to celebrate the sons birthday. Included was a range of cured meats and sausages but all the food has either been eaten or disposed of. The last was consumed 6 days ago. Unfortunately therefore no food samples are available for laboratory analysis.



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Exercise Date: 24 November 2010
Insert Time: 13:30
Exercise Note: Forward Inject content to Slovenia

Inject 25

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Information for EPIS

Do you have similar cases? Yes

Number of cases 2

Epidemiological Information

The National Institute of Public Health of the Republic of Slovenia have identified two cases of salmonellosis associated with monophasic *Salmonella* Typhimurium. They are two co-workers that work in the food industry as waitresses. They have been working recently at the Romanian Embassy. At an event promoting speciality foods from Romania the waitresses were given some of the left over produce. We have obtained samples of the food and it is currently undergoing analysis. This will not be available until tomorrow (25 November). However, we strongly suspect that the sausages may be the source .

Suspected Sources

Pork sausage, manufactured by a specific Industry in Romania

Organism Characteristics

Monophasic *Salmonella* Typhimurium



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Exercise Date: 24 November 2010
Insert Time: 13:45
Exercise Note: Forward Inject content to Malta

Inject 26

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Further Update

Malta - Having established the movements of the case with the *Salmonella* Typhimurium 4,5,12:i:- over the past 14 days, we can confirm that the case attended an event at the Romanian Embassy in Slovenia on 16 November.