

## **EAST OF ENGLAND CYTOLOGY TRAINING CENTRE**

**Westbrooke House  
Newmarket  
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CB8 7XN**

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### **ThinPrep® Liquid Based Cytology Training**

#### **INDUCTION COURSE**

This three-day course provides an introduction and comprehensive review of ThinPrep® Liquid Based Cytology (LBC). The course is aimed at all qualified staff – i.e. all participants are trained in conventional cytopathology.

The course consists of lectures, workshops, test slides, tutorial sessions and case discussion. The lecture topics include the background to LBC, as well as normal and abnormal cytology, infections, preparation and troubleshooting.

The practical sessions consist of sets of 20 slides. A set of 20 slides is offered on each morning and afternoon session. The first two sets contain known entities, which help to familiarise delegates with the presentation of LBC and are used in multiheader discussion. Following this are four test sets of twenty slides which will be assessed and submitted for marking, with subsequent multiheader discussion. There will also be discussion of inadequate cases and cases that have been difficult to assess.

An NHS LBC Training Logbook will be supplied to all delegates and is used to document progress during training as well as performance in the assessments. A completed Logbook is required before an NHS LBC certificate is awarded.

The Centre has a lecture room, in which coffee, tea and cold drinks are available throughout the Course and where a light lunch will be served on each day. There is a separate microscopy room and each delegate will have an Olympus BX45 microscope for use during the practical components. Case discussion and morphology teaching takes place around a multiheader microscope.

Each delegate is supplied with a username and a password that allows access to Cyres - a web-based marking package. Delegates will be required to enter their results, for post Induction training, on to this secure system. Submitted results will be authorised by the Centre, thus allowing feedback normally within 24 hours. The system will be introduced during your time at the Centre.

A draft programme is attached and a copy is provided when you arrive. We try not to make too many changes, but sickness or other unavoidable circumstances may mean we have to rearrange the order of lectures and workshops.

#### **POST INDUCTION TRAINING**

Delegates will return to their laboratories for the subsequent stages of training, with slides supplied by the Training Centre.

The Consolidation Phase is a set of 200 slides, in which there is a high proportion of abnormal slides. A high-grade sensitivity of  $\geq 95\%$  is required for successful completion.

An Interim Test of 20 slides (pass mark 80%) marks the end-point of training for medical staff.

The Performance Review is a further set of 200 slides for assessment. This will more closely reflect a routine sequence of cases, although there are an increased number of abnormal slides to allow for calculation of sensitivity. A high-grade sensitivity of  $\geq 95\%$  is required for successful completion.

It is recommended that the Consolidation Phase and Performance Review stages are completed within a short period as this maximises exposure to LBC. Assuming slides are completed at the rate of 20 per day, 21 days will be required post induction, provided a satisfactory standard is achieved in the Consolidation Phase, Interim Test and Performance Review. Further slide sets will be required if a satisfactory standard has not been achieved.

## ACCESS

### By Car

The Centre is readily accessible by car, situated close to the A14, equidistant from Cambridge and Bury St Edmunds. (A map is available, or you may use the route planners on e.g. the AA ([www.theaa.co.uk](http://www.theaa.co.uk)) or RAC ([www.rac.co.uk](http://www.rac.co.uk)) web pages).

From the M11 and Cambridge direction on the A14, take junction 37 (A142), at T-junction turn right (signposted 'Newmarket'). At roundabout (note Burger King ahead), take the 1st exit on to the A142 (signposted 'Town Centre'). Just after the carwash turn into the estate. Drive ahead for about 20 yards and Westbrooke House is at eleven o' clock. Parking is best at the far side of the building in any of the spaces marked 'cyt'.

From Bury St Edmunds / Ipswich / Norwich on the A14, take junction 37 (A142). At T-junction turn left A142 (signposted Newmarket). At roundabout (note Burger King ahead) take the 1st exit on to the A142 (signposted Town Centre). Just after the carwash turn into the estate. Drive ahead for about 20 yards and Westbrooke House is at eleven o' clock. Parking is best at the far side of the building in any of the spaces marked 'cyt'.

### By Rail

There is a railway station in Newmarket that is about two miles from the Centre. There is a regular but limited service from Cambridge and Bury St Edmunds.

### By Taxi

For those without transport we are a short taxi ride from the both the railway station and the centre of the Newmarket.

### By Bus

An express bus service from Cambridge (Drummer Street) stops at Tesco, which is adjacent to Westbrooke House. Travelling time is approximately one hour.

### By Air

Stansted Airport, in Essex, is situated close to the M11 (and then via A11 and A14 to Newmarket) and is about an hour by car – *depending on volume of traffic*.

### **FACILITIES**

Westbrooke House is situated adjacent to Tesco, on Fordham Road in Newmarket. There is a range of shops and facilities (including a cash point) close to the Centre. We have ample free car parking adjacent to the building. Newmarket has the usual range of shops and banks expected in a large market town. Market days are Tuesday and Saturday. Larger shops, cinemas, theatres etc can be found in Cambridge and Bury St Edmunds, both being about 17 miles away.

For students who wish to find accommodation close to the Centre, we have a brief list, although none of the accommodation has been checked. A map is also available.

Please note that the Training Centre, as part of Addenbrooke's Hospital, is now a smoke-free site.

Also note that to conform to fire regulations, all personnel who use the first floor of Westbrooke House must be able to evacuate the building unaided and without using the lift.

If you should require any more information then please free to contact the Centre.

***ANY PATIENT INFORMATION, WHICH COURSE PARTICIPANTS MAY ENCOUNTER, WILL BE TREATED AS STRICTLY CONFIDENTIAL.***

EAST OF  
ENGLAND  
CYTOLOGY  
TRAINING  
CENTRE

**ThinPrep® Liquid Based Cytology Induction Course**  
**Proposed Programme**

**Day 1**

**08:45 Registration**

**09:00 Welcome and Introduction**

NHS LBC Training Programme

Using the LBC Training Log

**09:25 Morphology Lecture – Normal Cytology and Infections**

**10:00 Coffee**

**10:15 Multihead Preview**

Slide Set 1 – Normal Cytology and Infections

**11:00 Slide Set 1 - Normal Cytology and Infections**

20 known examples – ThinPrep® slides

**12:15 Lunch**

**13:00 Morphology Lecture – Squamous and Glandular Abnormalities**

**13:45 Slide Set 2 - Squamous and Glandular Abnormalities**

20 known examples – ThinPrep® slides

**15:00 Tea**

**15:15 Multihead Review**

Slide Set 2 – Squamous and Glandular Abnormalities

**16:45 End**

**Day 2**

**09:00 Slide Set 3 – 20 unknown examples – ThinPrep® slides**

**11:00 Coffee**

**11:15 Multihead Review – Slide Set 3**

**12:00 Multihead Discussion – Inadequate cases**

**12:45 Lunch**

**13:30 Slide Set 4 – 20 unknown examples – ThinPrep® slides**

**15:30 Tea**

**15:45 Multihead Review – Slide Set 4**

**16:45 End**

**Day 3**

**09:00 Slide Set 5 – 20 unknown examples – ThinPrep® slides**

**11:00 Coffee**

**11:15 Multihead Review – Slide Set 5**

**12:15 Technical Troubleshooting**

**12:45 Lunch**

**13:15 Cyres Training Log**

Overview

Marking

(Allocation of passwords and usernames)

**13:30 Slide Set 6 – 20 unknown examples – ThinPrep® slides**

**15:30 Tea**

**15:45 Multihead Review – Slide Set 6**

**16:45 End**