Overview……

An opportunity to experience the UK national PERFORMS self-assessment scheme. You will read sets of recent challenging screening cases on clinical workstations and report your decisions about each case into the PERFORMS reporting application (app). You can start, stop and restart as often as you wish. Initial mammographic practice cases will help you become accustomed to how the PERFORMS reporting application functions and what the task entails. You can practice with these cases for as long as you feel it is necessary. You will then read a set of recent screening mammographic cases comprising images of two views of each breast. When you have taken part then you will immediately receive information from the PERFORMS app on how you performed which will be confidential to you. You can then review your various decisions about all cases or as many cases as you like. The practice cases are not included in the calculations of your results.

You should be aware that the case sets are weighted with abnormal mammograms and the cases are selected to stretch your skills and so you may find them both difficult and challenging.

Subsequently, when all participants have completed the case set then anonymous group data will also be made available to you which will also illustrate how you performed compared to over 700 screeners in the UK on these cases. Such information will be made available to you via your secure pages on the PERFORMS website.

Learning Objectives
- To stretch radiological abilities to locate and identify potentially suspicious features.
- To develop/improve confidence levels in decision making.
- To experience difficult, rare or unusual cancers.
- For an individual to compare their decisions to those of expert radiologists as well as to the known pathology and outcomes on cases.
- To improve perceptual skills whilst interpreting mammograms in normal screening.
- To experience interpreting images captured from a variety of manufacturers..
- Where appropriate, to act as Continual Professional Development activity towards Reaccreditation.

What is PERFORMS?

In breast screening the low presentation rate of abnormalities makes it difficult for individuals to know how well they are detecting early signs of cancer and whether they are performing as well as their peers. The PERFORMS scheme was specifically developed to aid this.

PERFORMS is a cloud-based educational self-assessment and training scheme for breast screening professionals. In the UK all screening professionals who report screening cases undertake the scheme twice a year where they examine collections of difficult and challenging anonymised recent screening FFDM cases captured on several vendors' systems. Their various decisions about each case are immediately analysed and compared to the known case pathology as well as the recall judgements of an expert panel of radiologists. Detailed case by case feedback is immediately provided where participants can compare their judgements both to the known case pathology (i.e. did the case have cancer truly present) as well as to the decision of the expert panel of radiologists (i.e. would another reader have identified the features and classified the case as you did). Thus the scheme provides both a self-assessment

and a training function. Subsequently in the UK each participant receives detailed reports anonymously comparing their performances to all UK screening personnel.