

<b>Title</b>	OncoE6™ Cervical Screening Test Kit
<b>Agency</b>	HTA Malaysia, Health Technology Assessment Section, Medical Development Division, Ministry of Health Malaysia Level 4, Block E1, Parcel E, Presint 1, Federal Government Administrative Center, 62590 Putrajaya, Malaysia Tel: +603 88831229, Fax: +603 88831230; htamalaysia@moh.gov.my, www.moh.gov.my
<b>Reference</b>	Technology Review Report – 012/2014, online: <a href="http://www.moh.gov.my/index.php/database_stores/store_view_page/30/244">http://www.moh.gov.my/index.php/database_stores/store_view_page/30/244</a>

**Aim**

The objective of this technology review is to assess the safety, efficacy/effectiveness and cost-effectiveness of OncoE6™ Cervical Screening Test Kit at point-of-care.

**Conclusions and results**

There was limited good level of evidence retrieved on the efficacy/effectiveness of OncoE6™ Cervical Screening Test Kit. However, there was no retrievable evidence on safety and cost-effectiveness of this test. The test is certified with CE-IVD and the market price for this test is MYR 126 per kit for private sector.

Based on the above review, the evidence seems to indicate potential benefit of OncoE6™ Cervical Screening Test Kit in detecting HPV 16 and 18 in CIN2+, CIN3+ and cervical cancer. It may be feasible to be used as point-of-care. However, other factors such as cost of equipments and consumables also training need to be considered.

**Recommendations (if any)**

OncoE6™ Cervical Screening Test Kit can be used for selected patients such as high-risk HPV infected patients where epidemiologically HPV serotypes 16 and 18 are prevalent.

**Methods**

Literature was searched through electronic databases which included MEDLINE(R), Cochrane Database of Systematic Reviews, Health Technology Assessment, Embase, NHS Economic Evaluation Database, Database of Abstracts of Review of Effects, PubMed, other websites; INAHTA, U.S. FDA, NIHR Centre for Reviews and Dissemination – CRD Database, EuroScan International Network, Australia and New Zealand Horizon Scanning Network, Health Policy Advisory Committee on Technology (HealthPACT) and general databases such as Google.

The search was limited to human study. A critical appraisal of all relevant literature was performed using Critical Appraisal Skills Programme (CASP) checklists and the evidence graded according to the NHS Centre for Reviews and Dissemination (CRD) University of York, Report Number 4 (2<sup>nd</sup> Edition) for diagnostic accuracy studies.

**Further research/reviews required**

There is a need to have such kit in general practicing at point-of-care, however other factors have to be considered prior decision is made.

**Written by**

Asmirah Md Redzuan, MaHTAS, Malaysia