

NCPE Assessment

Plain English Summary

July 2023

Drug name: Nivolumab (pronounced *niv-ol-u-mab*) in combination with fluoropyrimidine- and platinum-based combination chemotherapy for the first-line treatment of adult patients with HER2-negative advanced or metastatic gastric, gastro-oesophageal junction or oesophageal adenocarcinoma whose tumours express PD-L1 with a combined positive score (CPS) ≥ 5 .

Brand name: Opdivo®

What is the NCPE?

The National Centre for Pharmacoeconomics (NCPE) is a team of experts who look at the health benefits and costs of medicines. The HSE asks us to advise on whether or not a new medicine is good value for money. We give unbiased advice to help the HSE provide the most effective, safe and cost-effective (value for money) treatments for patients.

How do we make our recommendations?

Our main focus is on the health benefits and cost effectiveness of a medicine. We look at the wider costs and health benefits associated with a new medicine, for example:

- Does the new medicine work better than other treatments available in Ireland?
- Is the new medicine easier to give or easier to take compared with other treatments available in Ireland?
- Does the new medicine reduce the need for patients to be hospitalised?
- Does the new medicine improve the quality of a patient's life over other treatments available in Ireland?
- Will the new medicine save resources elsewhere within the health system?

We review the information from clinical trials along with the cost and value for money data presented by the pharmaceutical company. We ask doctors and other healthcare professionals for advice about any health benefits of the new medicine compared with current treatments. We also ask patient organisations to send us their views on how the new drug may improve patients' day-to-day experience of living with a disease.

What is nivolumab used for?

Nivolumab is a cancer medicine used in adults to treat a number of different cancers. Nivolumab is generally used when cancers are advanced, cannot be removed by surgery or have spread to other parts of the body (metastatic), or when other treatments do not work. Nivolumab can be used on its own and, for some cancers, it is used together with other cancer medicines such as chemotherapy. In this report we are considering nivolumab, given with chemotherapy, for the treatment of oesophageal cancer and gastro-oesophageal junction cancer (cancer at the junction between the stomach and the oesophagus) after

chemotherapy, radiotherapy and surgery; and gastric (stomach), gastro-oesophageal junction or oesophageal adenocarcinoma.

What recommendation has the NCPE made to the HSE?

We have recommended that the HSE should consider not funding nivolumab unless its cost effectiveness (value for money) can be improved. The HSE consider our recommendation and make the final decision about reimbursement (funding). When making the funding decision, the HSE will also consider the additional [criteria](#) outlined in the Health (Pricing and Supply of Medical Goods) Act 2013.

Why did we make this recommendation?

After reviewing the data presented by the pharmaceutical company, we recommend that the HSE consider not providing nivolumab unless the HSE can agree a suitable price reduction with the pharmaceutical company. This is because we believe the medicine may work as well or better than other ways to manage this condition. However, the price of the medicine is too high compared with other ways to manage this condition, and we believe that the medicine is very poor value for money.

Next steps

When the HSE receives our recommendation, it will look at all the relevant data about nivolumab. The HSE makes the final decision on reimbursement.

Where can I get more information?

You can get more information about nivolumab from the following online options:

- the NCPE Technical Summary Document
- Opdivo® European Public Assessment Report (EPAR) – [Link](#); or
- searching for nivolumab on our website (www.ncpe.ie);
- searching for nivolumab on the European Medicines Agency (EMA) website (www.ema.europa.eu).

Please refer to the NCPE website for updated information on the reimbursement status of this medicine.