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| 1. | <p><b>Treatment &amp; Condition</b></p> <p>Pembrolizumab with pemetrexed and platinum chemotherapy for untreated, metastatic, non-squamous non-small-cell lung cancer.</p>   |
| 2. | <p><b>Associated appraisal body &amp; Summary of ruling</b></p> <p>NICE Technology Appraisal guidance TA557 (January 2019)</p> <p>Pembrolizumab (Keytruda<sup>®</sup>), with pemetrexed and platinum chemotherapy is recommended for use within the Cancer Drugs Fund, as an option for untreated, metastatic, non-squamous non-small-cell lung cancer (NSCLC) in adults whose tumours have no epidermal growth factor receptor (EGFR)- or anaplastic lymphoma kinase (ALK)-positive mutations. It is only recommended if:</p> <ul style="list-style-type: none"> <li>• pembrolizumab is stopped at 2 years of uninterrupted treatment or earlier if disease progresses and</li> <li>• the company provides pembrolizumab according to the managed access agreement</li> </ul> |
| 3. | <p><b>Number of people in Northern Ireland expected to take up service/therapy</b></p> <p>According to the NICE Resource Impact Statement that accompanies TA557, it is estimated that around 4,800 people in England will be eligible for treatment with pembrolizumab annually. Extrapolated to the Northern Ireland population, this equates to 144 people per year in Northern Ireland who will be eligible for treatment.</p> <p>However it is the view of the local service that this is an over estimation and that current clinical practice would indicate that around 30 patients per annum would be eligible for treatment. However, this may potentially increase in future years.</p>   |
| 4. | <p><b>Patient Access Scheme Availability</b></p> <p>(<u>Yes</u>/No)</p> <p>The company (Merck, Sharp &amp; Dohme) has a commercial arrangement. This makes pembrolizumab available to the NHS with a discount. The size of the discount is commercial in confidence.</p> <p>HSC Trusts will be required to claim all relevant reimbursements or discounts that form part of the managed access arrangement.</p>  |
| 5. | <p><b>Infrastructure Requirements</b></p> <p>Any additional infrastructure costs associated with the introduction of new cancer therapies will be dealt with as part of the routine commissioning process.</p>   |
| 6. | <p><b>Expected implementation period</b></p>   |

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|           | <p>There is no impediment to immediate implementation for new patients.</p>   |
| <b>7.</b> | <p><b>Commissioning arrangements</b></p> <p>This regimen will be formally commissioned by the HSCB/PHA via the Specialist Services Commissioning Team on a cost-per-case (CPC) basis for as long as NICE indicates that funding via the Cancer Drugs Fund is appropriate.</p>   |
| <b>8.</b> | <p><b>Monitoring arrangements</b></p> <p>The HSCB cost per case process will generate quarterly reports on the number of applications.</p> <p>HSCB currently routinely reviews quarterly monitoring information in relation to the usage of all recurrently specialist cancer drugs across both the Cancer Centre and other Units.</p> <p>The monitoring pro forma will be adapted to capture information in respect of this regimen and this group of patients. This monitoring report is submitted to the Specialist Services Commissioning Team for formal review and comment by the Team.</p> <p>Numbers of patients who received or are receiving treatment will be monitored by the HSC Board and reported to the Department of Health.</p> |
| <b>9.</b> | <p><b>DoH (NI) Legislative/Policy Caveats</b></p> <p>This advice does not override or replace the individual responsibility of health professionals to make appropriate decisions in the circumstances of their individual patients, in consultation with the patient and/or guardian or carer. This would, for example, include situations where individual patients have other conditions or complications that need to be taken into account in determining whether the NICE guidance is fully appropriate in their case.</p> <p>The Rural Needs Act (NI) 2016 has been considered and this guidance, which is purely of a technical nature, is not regarded as falling within the scope of the Act.</p>                                       |