

Integrated Impact Assessment Report for Clinical Commissioning Policies			
Policy Reference Number	1609		
Policy Title	Anakinra/Tocilizumab for the treatment Adult Onset Still's Disease refractory to second-line therapy(adults) Proposal <b><u>for routine commission</u></b> (ref A3.1)		
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Finance Lead	Keith Moulds	Analytical Lead	Craig Charlton
Integrated Impact Assessment – Index			
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### About this Impact Assessment: instructions for completion and explanatory notes

- Each section is divided into themes.
- Each theme sets out a number of questions.
- All questions are answered by selecting a drop down option or including free text.
- Free text boxes are provided to enable succinct relevant commentary to be added which explains the rationale for response or assumption. Please limit responses to 3 sentences of explanatory text.
- Data in this document is either drawn from one of the relevant policy documents or a source for the information is provided.
- Where assumptions are included where data is not available, this is specified.

## Section A - Activity Impact

### A1 Current Patient Population & Demography / Growth

A1.1 Prevalence of the disease/condition.	<p>There is no consensus on the incidence and prevalence of AOSD overall in the English population. Studies estimate an incidence of AOSD in France is between 1 – 2 cases per million population per year. Therefore, it can be estimated that in England, approximately 55-110 new cases of AOSD could be expected every year, assuming the French and English populations are similar. No evidence was available as regards the proportion of patients thought to be refractory to methotrexate and corticosteroids with AOSD in the evidence review. Gerfaud-Valentin et al (2014) estimated between a quarter and third of patients with AOSD are thought to be refractory to DMARDs and could require biologicals.</p> <p><i>Source: Policy Proposition section 5</i></p>
A1.2 Number of patients currently eligible for the treatment according to the proposed policy commissioning criteria.	<p><i>Approximately 81 patients in first year then approx. 27 newly refractory patients per year thereafter.</i></p> <p><i>Source: Policy Proposition section 5</i></p> <p>Biologics were available until funding arrangements changed in 2015. It is estimated that approximately 80-85 patients presently require treatment with biologics and 25-30 new patients per year with AOSD will require treatment with biologics.</p>
A1.3 Age group for which the treatment is proposed according to the policy commissioning criteria.	<p><b><u>Adults</u></b></p> <p>This policy covers adults from 18+. Children are covered by Policy: Biologic Therapies for the treatment of Juvenile Idiopathic Arthritis (JIA)</p>
A1.4 Age distribution of the patient population eligible according to the proposed policy commissioning criteria	<p>18+</p> <p><i>Source: Policy Proposition</i></p>

A1.5 How is the population currently distributed geographically?	<b><u>unknown</u></b>										
<b>A2 Future Patient Population &amp; Demography</b>											
A2.1 Projected changes in the disease/condition epidemiology, such as incidence or prevalence (prior to applying the new policy) in 2, 5, and 10 years?	<b><u>Increasing</u></b> We expect the incidence to increase in line with population growth, and that prevalence may increase in the longer term due to improved patient survival as a result of the use of anakinra, we would expect some patients to cease treatment as either they go into remission or if the treatment is no longer effective. <i>Source: Policy Proposition section 6</i>										
A2.2 Are there likely to be changes in demography of the patient population and would this impact on activity/outcomes?	<b><u>No</u></b> <i>Source: Policy Proposition section 6</i>										
A2.3 Expected net increase or decrease in the number of patients who will be eligible for the service, according to the proposed service specification commissioning criteria, per year in years 2-5 and 10?	<table border="1"> <tr> <td>YR2 +/-</td><td>102</td></tr> <tr> <td>YR3 +/-</td><td>66</td></tr> <tr> <td>YR4 +/-</td><td>77</td></tr> <tr> <td>YR5 +/-</td><td>88</td></tr> <tr> <td>YR10 +/-</td><td>146</td></tr> </table> <i>Source: Finance modelling</i>	YR2 +/-	102	YR3 +/-	66	YR4 +/-	77	YR5 +/-	88	YR10 +/-	146
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YR10 +/-	146										

<b>A3 Activity</b>	
A3.1 What is the purpose of new policy?	<p><b><u>Confirm routine commissioning position of an additional new treatment</u></b></p> <p>To provide access to Anakinra or Tocilizumab for the treatment of Adult Onset Still's Disease refractory to disease modifying anti-rheumatic drugs and corticosteroids [adults] as second line treatments.</p>
A3.2 What is the annual activity associated with the existing pathway for the eligible population?	<p>A small number of patients are presently on Anakinra for AOSD based on the funding arrangements in place prior to April 2015. Since 2015 treatment has not been available for new patients. Patients on treatment prior to 2015 have not been included in activity modelling. Some will no longer require treatment as either in remission or treatment ineffective.</p> <p><i>Source:</i></p>
A3.3 What is the estimated annual activity associated with the proposed policy proposition pathway for the eligible population?	<p>27 newly diagnosed patient/ annum refractory to second line treatments</p> <p><i>Source: Section 5</i></p> <p>Activity is expected to be higher in first year as the patients diagnosed with refractory AOSD between 2015 and 2018 start treatment. Overall annual activity will fluctuate due to mortality, treatment no longer being effective or patients going into remission as per financial modelling</p>
A3.4 What is the estimated annual activity associated with the next best alternative comparator pathway for the eligible population? If the only alternative is the existing pathway, please state 'not	<p>N/A</p> <p><i>Source: Policy Proposition</i></p> <p><a href="#">Click here to enter text.</a></p>

applicable' and move to A4.	
<b>A4 Existing Patient Pathway</b>	
<p><b>A4.1 Existing pathway:</b> Describe the relevant currently routinely commissioned:</p> <ul style="list-style-type: none"> <li>• Treatment or intervention</li> <li>• Patient pathway</li> <li>• Eligibility and/or uptake estimates.</li> </ul>	<p>As there is not an effective treatment for patients that are refractory to second line treatment, patients are regularly seen at OP, A&amp;E and have inpatient admissions to deal with the symptoms and side effects of drugs.. A proportion will go on to develop diabetes and osteoporosis from high dose steroids and DMARDs. Macrophage activation syndrome (MAS) is a known serious complication of AOSD. The frequency of fully developed MAS is 12 to 15% in AOSD patients where symptoms are uncontrolled</p> <p><i>Source: Policy Working Group.</i></p>
<p>A4.2. What are the current treatment access and stopping criteria?</p>	<p>After an initial AOSD diagnosis using a diagnosis criterion such as Yamaguchi criteria the treatment pathway would be</p> <p><b>First line treatments:</b> NSAIDS and corticosteroids: prednisolone 0.8-1 mg/kg/day for 4-6 weeks.</p> <p><b>Second line treatments:</b> When diagnosis is confirmed, patients treated using a selection of the following conventional steroid-sparing effect DMARDs prescribed in line with NICE Clinical Knowledge Summary (CKS) for DMARDs :</p> <ul style="list-style-type: none"> <li>• MTX: 7.5 -25 Mg/week (oral or s/c) or</li> <li>• Cyclosporine: up to 5mg/kg/day depending on tolerance/side effects</li> <li>• mycophenolate 2-3g/day or</li> <li>• Leflunomide 10-20 mg od, or</li> <li>• Azathioprine 2-2.25mg/kg (in patients with normal thiopurine methyltransferase (TPMT) levels; 1-1.25mg/kg in patients with heterozygote level TPMT levels.)</li> </ul>

	<ul style="list-style-type: none"> <li>Corticosteroids can be used in combination with any of these regimes.</li> </ul> <p>Patients on current pathway who do not respond to the above treatment options would be placed on higher dose corticosteroids and DMARDS to try and control symptoms.</p> <p><i>Source: Policy Proposition</i></p>
<p>A4.3 What percentage of the total eligible population is expected to:</p> <ol style="list-style-type: none"> <li>Be clinically assessed for treatment</li> <li>Be considered to meet an exclusion criteria following assessment</li> <li>Choose to initiate treatment</li> <li>Comply with treatment</li> <li>Complete treatment?</li> </ol>	<p>All patients diagnosed with AOSD will be started on NSAIDS and corticosteroids then move to 2<sup>nd</sup> line DMARDS</p> <ol style="list-style-type: none"> <li>100% of patients diagnosed with AOSD</li> <li>0% however 25-33% will be refractory to 2<sup>nd</sup> line DMARDS</li> <li>100%</li> <li>Unknown</li> <li>Unknown- Variable as some patients will go into remission, treatment will be ineffective or remain on treatment for life</li> </ol> <p><i>Source: Policy Proposition</i></p>
<p><b>A5 Comparator (next best alternative treatment) Patient Pathway</b></p> <p>(NB: comparator/next best alternative does not refer to current pathway but to an alternative option)</p>	
<p><b>A5.1 Next best comparator:</b></p> <p>Is there another 'next best' alternative treatment which is a relevant comparator?</p> <p><i>If yes, describe relevant</i></p> <ul style="list-style-type: none"> <li><i>Treatment or intervention</i></li> <li><i>Patient pathway</i></li> <li><i>Actual or estimated eligibility and uptake</i></li> </ul>	<p><b><u>No</u></b></p>

<p>A5.2 What percentage of the total eligible population is estimated to:</p> <ul style="list-style-type: none"> <li>a) Be clinically assessed for treatment</li> <li>b) Be considered to meet an exclusion criteria following assessment</li> <li>c) Choose to initiate treatment</li> <li>d) Comply with treatment</li> <li>e) Complete treatment?</li> </ul>	<p>Total estimated eligible</p> <ul style="list-style-type: none"> <li>a) enter %</li> <li>b) enter %</li> <li>c) enter %</li> <li>d) enter %</li> <li>e) enter %</li> </ul> <p><i>Source: required</i></p>
<p><b>A6 New Patient Pathway</b></p>	
<p>A6.1 What percentage of the total eligible population is expected to:</p> <ul style="list-style-type: none"> <li>a) Be clinically assessed for treatment</li> <li>b) Be considered to meet an exclusion criteria following assessment</li> <li>c) Choose to initiate treatment</li> <li>d) Comply with treatment</li> <li>e) Complete treatment?</li> </ul>	<p>It is to be expected between 25-33% of patients diagnosed with AOSD will require treatments with biologics as refractory to second line treatments</p> <ul style="list-style-type: none"> <li>a) 25-33% who are refractory to 2<sup>nd</sup> line treatment</li> <li>b) 0%</li> <li>c) 100%</li> <li>d) unknown</li> <li>e) Unknown- Variable as some patients will go into remission, treatment will be ineffective or remain on treatment for life</li> </ul> <p><i>Source: Policy Proposition</i></p>
<p>A6.2 Specify the nature and duration of the proposed new treatment or intervention.</p>	<p><b><u>Lifelong/time limited</u></b></p> <p>Duration of treatment varies. It can be life-long however some patients go into remission or the treatment ceases as no longer effective. It is projected approx. 25% of patient population will cease requiring treatment as ineffective and another 25% may go into remission for periods.</p>



	Source: Policy working group																			
<b>A7 Treatment Setting</b>																				
A7.1 How is this treatment delivered to the patient?	<table border="1"> <tr> <td>Emergency/Urgent care attendance</td><td><input type="checkbox"/></td></tr> <tr> <td>Acute Trust: inpatient</td><td><input type="checkbox"/></td></tr> <tr> <td>Acute Trust: day patient</td><td><input checked="" type="checkbox"/></td></tr> <tr> <td>Acute Trust: outpatient</td><td><input checked="" type="checkbox"/></td></tr> <tr> <td>Mental Health provider: inpatient</td><td><input type="checkbox"/></td></tr> <tr> <td>Mental Health provider: outpatient</td><td><input type="checkbox"/></td></tr> <tr> <td>Community setting</td><td><input type="checkbox"/></td></tr> <tr> <td>Homecare</td><td><input checked="" type="checkbox"/></td></tr> <tr> <td>Other</td><td><input type="checkbox"/></td></tr> </table> <p>Anakinra is delivered as a subcutaneous injection daily home care. Tocilizumab as infusions every 4-6 weeks as day case</p>		Emergency/Urgent care attendance	<input type="checkbox"/>	Acute Trust: inpatient	<input type="checkbox"/>	Acute Trust: day patient	<input checked="" type="checkbox"/>	Acute Trust: outpatient	<input checked="" type="checkbox"/>	Mental Health provider: inpatient	<input type="checkbox"/>	Mental Health provider: outpatient	<input type="checkbox"/>	Community setting	<input type="checkbox"/>	Homecare	<input checked="" type="checkbox"/>	Other	<input type="checkbox"/>
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Other	<input type="checkbox"/>																			
A7.2 What is the current number of contracted providers for the eligible population by region?	<table border="1"> <tr> <td>NORTH</td><td>Not Known</td></tr> <tr> <td>MIDLANDS &amp; EAST</td><td>Not Known</td></tr> <tr> <td>LONDON</td><td>Not Known</td></tr> <tr> <td>SOUTH</td><td>Not Known</td></tr> </table>		NORTH	Not Known	MIDLANDS & EAST	Not Known	LONDON	Not Known	SOUTH	Not Known										
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<p>A7.3 Does the proposition require a change of delivery setting or capacity requirements?</p>	<p><b>No</b></p> <p>Source: Policy Proposition section 9</p>																				
<p><b>A8 Coding</b></p>																					
<p>A8.1 Specify the datasets used to record the new patient pathway activity.</p> <p>*expected to be populated for all commissioned activity</p>	<p>Select all that apply:</p> <table border="1"> <tr> <td>Aggregate Contract Monitoring *</td> <td><input checked="" type="checkbox"/></td> </tr> <tr> <td>Patient level contract monitoring</td> <td><input checked="" type="checkbox"/></td> </tr> <tr> <td>Patient level drugs dataset</td> <td><input type="checkbox"/></td> </tr> <tr> <td>Patient level devices dataset</td> <td><input type="checkbox"/></td> </tr> <tr> <td>Devices supply chain reconciliation dataset</td> <td><input type="checkbox"/></td> </tr> <tr> <td>Secondary Usage Service (SUS+)</td> <td><input type="checkbox"/></td> </tr> <tr> <td>Mental Health Services DataSet (MHSDS)</td> <td><input type="checkbox"/></td> </tr> <tr> <td>National Return**</td> <td><input type="checkbox"/></td> </tr> <tr> <td>Clinical Database**</td> <td><input type="checkbox"/></td> </tr> <tr> <td>Other**</td> <td><input type="checkbox"/></td> </tr> </table> <p>**If National Return, Clinical database or other selected, please specify: Click here to enter text.</p>	Aggregate Contract Monitoring *	<input checked="" type="checkbox"/>	Patient level contract monitoring	<input checked="" type="checkbox"/>	Patient level drugs dataset	<input type="checkbox"/>	Patient level devices dataset	<input type="checkbox"/>	Devices supply chain reconciliation dataset	<input type="checkbox"/>	Secondary Usage Service (SUS+)	<input type="checkbox"/>	Mental Health Services DataSet (MHSDS)	<input type="checkbox"/>	National Return**	<input type="checkbox"/>	Clinical Database**	<input type="checkbox"/>	Other**	<input type="checkbox"/>
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<p>A8.2 Specify how the activity related to the new patient pathway will be identified.</p>	<p>Select all that apply:</p>																				

	<table border="1"> <tr> <td data-bbox="1084 97 1753 156">OPCS v4.8</td> <td data-bbox="1753 97 1848 156"><input type="checkbox"/></td> </tr> <tr> <td data-bbox="1084 156 1753 215">ICD10</td> <td data-bbox="1753 156 1848 215"><input type="checkbox"/></td> </tr> <tr> <td data-bbox="1084 215 1753 274">Treatment function code</td> <td data-bbox="1753 215 1848 274"><input type="checkbox"/></td> </tr> <tr> <td data-bbox="1084 274 1753 333">Main Speciality code</td> <td data-bbox="1753 274 1848 333"><input type="checkbox"/></td> </tr> <tr> <td data-bbox="1084 333 1753 392">HRG</td> <td data-bbox="1753 333 1848 392"><input type="checkbox"/></td> </tr> <tr> <td data-bbox="1084 392 1753 451">SNOMED</td> <td data-bbox="1753 392 1848 451"><input type="checkbox"/></td> </tr> <tr> <td data-bbox="1084 451 1753 544">Clinical coding / terming methodology used by clinical profession</td> <td data-bbox="1753 451 1848 544"><input checked="" type="checkbox"/></td> </tr> </table>	OPCS v4.8	<input type="checkbox"/>	ICD10	<input type="checkbox"/>	Treatment function code	<input type="checkbox"/>	Main Speciality code	<input type="checkbox"/>	HRG	<input type="checkbox"/>	SNOMED	<input type="checkbox"/>	Clinical coding / terming methodology used by clinical profession	<input checked="" type="checkbox"/>
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<b>A8.3 Identification Rules for Drugs:</b> How are drug costs captured?	<p><b><u>Already specified in current NHS England Drugs List document</u></b></p> <p>Anakinra is commissioned currently for a number of conditions on the NHS England Drug List which will need to be updated to reflect new policy.</p> <p>The coding of anakinra has been discussed with the pharmacy and Information lead for Specialised Commissioning</p>														
<b>A8.4 Identification Rules for Devices:</b> How are device costs captured?	<p><b><u>Not applicable</u></b></p>														
<b>A8.5 Identification Rules for Activity:</b> How are activity costs captured?	<p><b><u>Not captured by an existing specialised service line</u></b></p> <p>If the activity is not captured please specify whether the proposed identification rules have been documented and agreed with the Identification Rules team. <b><u>No</u></b></p>														
<b>A9 Monitoring</b>															

<p><b>A9.1 Contracts</b></p> <p>Specify any new or revised data flow or data collection requirements, needed for inclusion in the NHS Standard Contract Information Schedule.</p>	<p><b><u>Yes - other</u></b></p> <p>Treatment centres will use a prior approval system to track and audit use of anakinra and tocilizumab, in order to ensure it is administered according to the criteria for commissioning.</p>						
<p><b>A9.2 Excluded Drugs and Devices (not covered by the Zero Cost Model)</b></p> <p>For treatments which are tariff excluded drugs or devices not covered by the Zero Cost Model, specify the pharmacy or device monitoring required, for example reporting or use of prior approval systems.</p>	<p><i>Select all that apply:</i></p> <table border="1" data-bbox="1086 363 1599 539"> <tr> <td>Drugs or Device MDS</td> <td><input type="checkbox"/></td> </tr> <tr> <td>Blueteq</td> <td><input checked="" type="checkbox"/></td> </tr> <tr> <td>Other prior approval</td> <td><input type="checkbox"/></td> </tr> </table> <p>Please specify: <a href="#">Click here to enter text.</a></p>	Drugs or Device MDS	<input type="checkbox"/>	Blueteq	<input checked="" type="checkbox"/>	Other prior approval	<input type="checkbox"/>
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Other prior approval	<input type="checkbox"/>						
<p><b>A9.3 Business intelligence</b></p> <p>Is there potential for duplicate reporting?</p>	<p><b><u>No</u></b></p> <p>If yes, please specify mitigation:  <a href="#">Click here to enter text.</a></p>						
<p><b>A9.4 Contract monitoring</b></p> <p>Is this part of routine contract monitoring?</p>	<p><b><u>Yes</u></b></p> <p>Drugs used are part of routine contract monitoring as excluded from tariff</p>						
<p><b>A9.5 Dashboard reporting</b></p> <p>Specify whether a dashboard exists for the proposed intervention?</p>	<p><b><u>No</u></b></p>						
<p><b>A9.6 NICE reporting</b></p> <p>Are there any directly applicable NICE or equivalent quality standards which need to be monitored in association with the new policy?</p>	<p><b><u>No</u></b></p>						
<p><b>Section B - Service Impact</b></p>							

<b>B1 Service Organisation</b>									
B1.1 Describe how the service is currently organised? (i.e. tertiary centres, networked provision etc.)	Tertiary Centres with specialist rheumatology and immunology services <i>Source: Service Specifications for Specialised Immunology and Rheumatology</i>								
B1.2 Will the proposition change the way the commissioned service is organised?	<b>No</b>								
B1.3 Will the proposition require a new approach to the organisation of care?	<b><u>No change to delivery of care</u></b>								
<b>B2 Geography &amp; Access</b>									
B2.1 Where do current referrals come from?	<p><i>Select all that apply:</i></p> <table border="1"> <tr> <td>GP</td> <td><input checked="" type="checkbox"/></td> </tr> <tr> <td>Secondary care</td> <td><input checked="" type="checkbox"/></td> </tr> <tr> <td>Tertiary care</td> <td><input checked="" type="checkbox"/></td> </tr> <tr> <td>Other</td> <td><input type="checkbox"/></td> </tr> </table> <p>Patients are referred to tertiary specialist centres for investigation of AOSD symptoms</p>	GP	<input checked="" type="checkbox"/>	Secondary care	<input checked="" type="checkbox"/>	Tertiary care	<input checked="" type="checkbox"/>	Other	<input type="checkbox"/>
GP	<input checked="" type="checkbox"/>								
Secondary care	<input checked="" type="checkbox"/>								
Tertiary care	<input checked="" type="checkbox"/>								
Other	<input type="checkbox"/>								
B2.2 What impact will the new policy have on the sources of referral?	<p><b><u>No impact</u></b></p> <p>Patients are already referred to tertiary centres for diagnosis of AOSD</p>								

B2.3 Is the new policy likely to improve equity of access?	<p><b><u>Increase</u></b></p> <p>There is currently a funded patient cohort from pre 2015 when funding arrangements changed and an unfunded patient cohort post 2015. This policy will ensure equality of access.</p> <p><i>Source: Equalities Impact Assessment</i></p>
B2.4 Is the new policy likely to improve equality of access and/or outcomes?	<p><b><u>Increase</u></b></p> <p>The policy will improve health outcomes for those with AOSD whom the condition is not presently controlled by corticosteroids or DMARDs.</p> <p><a href="#">Click here to enter text.</a></p> <p><i>Source: Equalities Impact Assessment</i></p>
<b>B3 Implementation</b>	
B3.1 Will commissioning or provider action be required before implementation of the proposition can occur?	<b><u>No action required</u></b>
<p><b>B3.2 Time to implementation:</b></p> <p>Is a lead-in time required prior to implementation?</p>	<b><u>No - go to B3.4</u></b>
<p><b>B3.3 Time to implementation:</b></p> <p>If lead-in time is required prior to implementation, will an interim plan for implementation be required?</p>	<p><b><u>No - go to B3.4</u></b></p> <p>If yes, outline the plan:</p> <p><a href="#">Click here to enter text.</a></p>
B3.4 Is a change in provider physical infrastructure required?	<b><u>No</u></b>

B3.5 Is a change in provider staffing required?	<b><u>No</u></b>																								
B3.6 Are there new clinical dependency and/or adjacency requirements that would need to be in place?	<b><u>No</u></b>																								
B3.7 Are there changes in the support services that need to be in place?	<b><u>No</u></b>																								
B3.8 Is there a change in provider and/or inter-provider governance required? (e.g. ODN arrangements / prime contractor)	<b><u>No</u></b>																								
B3.9 Is there likely to be either an increase or decrease in the number of commissioned providers? If yes, specify the current and estimated number of providers required in each region	<p><b><u>No change</u></b></p> <p><i>Please complete table:</i></p> <table border="1"> <thead> <tr> <th>Region</th> <th>Current no. of providers</th> <th>Future State expected range</th> <th>Provisional or confirmed</th> </tr> </thead> <tbody> <tr> <td>North</td> <td></td> <td></td> <td>select</td> </tr> <tr> <td>Midlands &amp; East</td> <td></td> <td></td> <td>select</td> </tr> <tr> <td>London</td> <td></td> <td></td> <td>select</td> </tr> <tr> <td>South</td> <td></td> <td></td> <td>select</td> </tr> <tr> <td>Total</td> <td></td> <td></td> <td>select</td> </tr> </tbody> </table> <p>Please specify:  <a href="#">Click here to enter text.</a></p>	Region	Current no. of providers	Future State expected range	Provisional or confirmed	North			select	Midlands & East			select	London			select	South			select	Total			select
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North			select																						
Midlands & East			select																						
London			select																						
South			select																						
Total			select																						
B3.10 Specify how revised provision will be secured by NHS	<p><i>Select all that apply:</i></p> <hr/>																								

England as the responsible commissioner.	Publication and notification of new policy	<input type="checkbox"/>
	Market intervention required	<input type="checkbox"/>
	Competitive selection process to secure increase or decrease provider configuration	<input type="checkbox"/>
	Price-based selection process to maximise cost effectiveness	<input type="checkbox"/>
	Any qualified provider	<input checked="" type="checkbox"/>
	National Commercial Agreements e.g. drugs, devices	<input type="checkbox"/>
	Procurement	<input type="checkbox"/>
	Other	<input type="checkbox"/>
Please specify: <a href="#">Click here to enter text.</a>		
<b>B4 Place-based Commissioning</b>		
B4.1 Is this service currently subject to, or planned for, place-based commissioning arrangements? (e.g. future CCG lead, devolved commissioning arrangements, STPs)	<b>No</b> Please specify: <a href="#">Click here to enter text.</a>	
<b>Section C - Finance Impact</b>		
<b>C1 Tariff/Pricing</b>		
C1.1 How is the service contracted and/or charged? Only specify for the relevant section of the patient pathway	<i>Select all that apply:</i> <hr/>	



	<table><tr><td rowspan="3">Drugs</td><td>Not separately charged – part of local or national tariffs</td><td><input type="checkbox"/></td></tr><tr><td>Excluded from tariff – pass through</td><td><input checked="" type="checkbox"/></td></tr><tr><td>Excluded from tariff - other</td><td><input type="checkbox"/></td></tr><tr><td rowspan="4">Devices</td><td>Not separately charged – part of local or national tariffs</td><td><input type="checkbox"/></td></tr><tr><td>Excluded from tariff (excluding ZCM) – pass through</td><td><input type="checkbox"/></td></tr><tr><td>Excluded from tariff (excluding ZCM) – other</td><td><input type="checkbox"/></td></tr><tr><td>Via Zero Cost Model</td><td><input type="checkbox"/></td></tr><tr><td rowspan="7">Activity</td><td>Paid entirely by National Tariffs</td><td><input checked="" type="checkbox"/></td></tr><tr><td>Paid entirely by Local Tariffs</td><td><input type="checkbox"/></td></tr><tr><td>Partially paid by National Tariffs</td><td><input type="checkbox"/></td></tr><tr><td>Partially paid by Local Tariffs</td><td><input type="checkbox"/></td></tr><tr><td>Part/fully paid under a Block arrangement</td><td><input type="checkbox"/></td></tr><tr><td>Part/fully paid under Pass-Through arrangements</td><td><input type="checkbox"/></td></tr><tr><td>Part/fully paid under Other arrangements</td><td><input type="checkbox"/></td></tr></table>	Drugs	Not separately charged – part of local or national tariffs	<input type="checkbox"/>	Excluded from tariff – pass through	<input checked="" type="checkbox"/>	Excluded from tariff - other	<input type="checkbox"/>	Devices	Not separately charged – part of local or national tariffs	<input type="checkbox"/>	Excluded from tariff (excluding ZCM) – pass through	<input type="checkbox"/>	Excluded from tariff (excluding ZCM) – other	<input type="checkbox"/>	Via Zero Cost Model	<input type="checkbox"/>	Activity	Paid entirely by National Tariffs	<input checked="" type="checkbox"/>	Paid entirely by Local Tariffs	<input type="checkbox"/>	Partially paid by National Tariffs	<input type="checkbox"/>	Partially paid by Local Tariffs	<input type="checkbox"/>	Part/fully paid under a Block arrangement	<input type="checkbox"/>	Part/fully paid under Pass-Through arrangements	<input type="checkbox"/>	Part/fully paid under Other arrangements	<input type="checkbox"/>
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<b>C1.2 Drug Costs</b> Where not included in national or local tariffs, list each drug or combination, dosage, quantity, <b>list</b> price including VAT if applicable and any other key information e.g. Chemotherapy Regime. NB discounted prices or local prices must not be included as these are subject to commercial confidentiality and must not be disclosed.	Anakinra costs £9,850/annum per patient to provide 100mg per day in a homecare setting this value includes VAT at the standard 20% rate, which is inclusive of delivery and administration charges.  Tocilizumab is administered as an intravenous infusion usually given in a hospital setting every 4 to 6 weeks and costs [REDACTED] for the drug this value includes VAT at the standard 20% rate plus £1680/annum day care costs.																															
<b>C1.3 Device Costs</b> Where not included in national or local tariff, list each element of the	N/A																															

<p>excluded device, quantity, <b>list or expected</b> price including VAT if applicable and any other key information.</p> <p>NB: Discounted prices or local prices must not be included as these are subject to commercial confidentiality and must not be disclosed.</p>	
<p><b>C1.4 Activity Costs covered by National Tariffs</b></p> <p>List all the HRG codes, HRG descriptions, national tariffs (excluding MFF), volume and other key costs (e.g. specialist top up %)</p>	<p>A&amp;E attendances priced at an average of Type 1 &amp; 2 departments at £158 per attendance (VB01Z – VB99Z)</p> <p>OP attendances are priced at Rheumatology OP rates against WF01B single professional first attendance £246 and WF01A single professional follow up £111.</p> <p>Inpatient attendances are costed using an average rate of adults £2,783 against HRG`s HD23D- HD23J, dependent upon complication and comorbidity score</p> <p>MFF is then applied at 8.075%.</p>
<p><b>C1.5 Activity Costs covered by Local Tariff</b></p> <p>List all the HRGs (if applicable), HRG or local description, estimated average tariff, volume and any other key costs. Also indicate whether the Local Tariff(s) is/are newly proposed or established and if newly proposed how is has been derived, validated and tested.</p>	N/A
<p><b>C1.6 Other Activity Costs not covered by National or Local Tariff</b></p> <p>Include descriptions and estimates of all key costs.</p>	N/A
<p>C1.7 Are there any prior approval mechanisms required either during implementation or permanently?</p>	<p><b><u>Yes</u></b></p> <p>Please specify: Blueteq</p>
<p><b>C2 Average Cost per Patient</b></p>	

<p>C2.1 What is the estimated cost per patient to NHS England, in years 1-5, including follow-up where required?</p>     <p>Are there any changes expected in year 6-10 which would impact the model?</p>	YR1	11,087
	YR2	11,094
	YR3	11,094
	YR4	11,086
	YR5	11,094
	<p>No</p>	
<p><b>C3 Overall Cost Impact of this Policy to NHS England</b></p>		
<p>C3.1 Specify the budget impact of the proposal on NHS England in relation to the relevant pathway.</p>	<p><b><u>Cost saving</u></b>  Please specify:  It is anticipated that the use of Anakinra or tocilizumab will reduce attendances in specialist outpatient appointments and regularity of inpatient stays including ICU to care for patients due to symptoms of AOSD and complications of taking high dose corticosteroids and DMARDs</p>	
<p>C3.2 If the budget impact on NHS England cannot be identified set out the reasons why this cannot be measured.</p>	<p>N/A</p>	
<p>C3.3 If the activity is subject to a change of commissioning responsibility, from CCG to NHS England, has a methodology for the transfer of funds been identified, and calculated?</p>	<p>N/A</p>	
<p><b>C4 Overall cost impact of this policy to the NHS as a whole</b></p>		

<p>C4.1 Specify the budget impact of the proposal on other parts of the NHS.</p>	<p>Budget impact for CCGs:  <b><u>Cost saving</u></b>            Budget impact for providers:  <b><u>Cost saving</u></b>            Please specify:            It is anticipated that the use of Anakinra/tocilizumab will reduce the reliance on A&amp;E attendances and regularity of inpatient stays to care for patients do to symptoms of AOSD and complications of taking high dose corticosteroids and DMARDs</p>
<p>C4.2 Taking into account responses to C3.1 and C4.1, specify the budget impact to the NHS as a whole.</p>	<p><b><u>Cost saving</u></b>            Please specify:            It would be expected the budget impact as a whole across the NHS would equate to a cost saving over 10 years.</p>
<p>C4.3 Where the budget impact is unknown set out the reasons why this cannot be measured</p>	<p>N/A</p>
<p>C4.4 Are there likely to be any costs or savings for non-NHS commissioners and/or public sector funders?</p>	<p><b><u>Yes</u></b>            Please specify:            It would be expected that patients with controlled symptoms would be able to work and not require benefits for sickness or disability.</p>
<p><b>C5 Funding</b></p>	
<p>C5.1 Where a cost pressure is indicated, state known source of</p>	<p>N/A</p>

funds for investment, where identified, e.g. decommissioning less clinically or cost-effective services.			
<b>C6 Financial Risks Associated with Implementing this Policy</b>			
C6.1 What are the material financial risks to implementing this policy?	Nil		
C6.2 How can these risks be mitigated?	N/A		
C6.3 What scenarios (differential assumptions) have been explicitly tested to generate best case, worst case and most likely total cost scenarios?	The impact of the disease over 10 years has been modelled for patients who are treated with anakinra or tocilizumab, and those that are refractory to second line treatments and have uncontrolled symptoms and side effects to condition and of high dose corticosteroids and DMARDs		
C6.4 What scenario has been approved and why?	It is more cost effective to treat AOSD patients with anakinra or tocilizumab then present pathway for patient's refractory to 2 <sup>nd</sup> line treatments.		
<b>C7 Value for Money</b>			
C7.1 What published evidence is available that the treatment is cost effective as evidenced in the evidence review?	<b><u>There is no published evidence of cost-effectiveness</u></b> Evidence review found no information regards cost effectiveness of treatment		
C7.2 Has other data been identified through the service specification development relevant to the assessment of value for money?	<p><i>Select all that apply:</i></p> <table border="1"> <tr> <td>Available pricing data suggests the treatment is equivalent cost</td> <td><input type="checkbox"/></td> </tr> </table>	Available pricing data suggests the treatment is equivalent cost	<input type="checkbox"/>
Available pricing data suggests the treatment is equivalent cost	<input type="checkbox"/>		

	compared to current/comparator treatment	
	Available pricing data suggests the treatment is lower cost compared to current/comparator treatment	<input checked="" type="checkbox"/>
	Available clinical practice data suggests the new treatment has the potential to improve value for money	<input type="checkbox"/>
	Other data has been identified	<input type="checkbox"/>
	No data has been identified	<input type="checkbox"/>
	The data supports a high level of certainty about the impact on value	<input type="checkbox"/>
	The data does not support a high level of certainty about the impact on value	<input type="checkbox"/>
Please specify: <a href="#">Click here to enter text.</a>		
<b>C8 Cost Profile</b>		
C8.1 Are there non-recurrent capital or revenue costs associated with this policy?	<b><u>No</u></b>	
C8.2 If yes, confirm the source of funds to meet these costs.	N/A	