

## Birmingham Vasculitis Activity Score (v 3) (weighting with major items are highlighted)

Patient ID: \_\_\_\_\_

Date of birth: \_\_\_\_\_

Total score: \_\_\_\_\_

Assessor: \_\_\_\_\_

Date of assessment \_\_\_\_\_

Tick an item <b>only</b> if attributable to active vasculitis. If there are no abnormalities in a section, please tick 'None' for that organ-system.			If <b>all</b> abnormalities are due to persistent disease (active vasculitis which is not new/worse in the prior 4 weeks), tick the <b>PERSISTENT</b> box at the bottom right corner			
Is this the patient's first assessment?			Yes <input type="radio"/>		No <input type="radio"/>	
			P	N/W		
<b>1. General</b> <span style="float: right;"><b>Max</b></span>			<b>2</b>	<b>3</b>	<b>6. Cardiovascular</b> <span style="float: right;"><b>Max</b></span>	
Myalgia			1	1	Loss of pulses	1 4
Arthralgia / arthritis			1	1	Valvular heart disease	2 4
Fever ≥38° C			2	2	Pericarditis	1 3
Weight loss ≥2 kg			2	2	♦ Ischaemic cardiac pain	2 4
<b>2. Cutaneous</b> <span style="float: right;"><b>Max</b></span>			<b>3</b>	<b>6</b>	♦ Cardiomyopathy	3 6
Infarct			1	2	♦ Congestive cardiac failure	3 6
Purpura			1	2	<b>7. Abdominal</b> <span style="float: right;"><b>Max</b></span>	<b>4 9</b>
Ulcer			1	4	Peritonitis	3 9
♦ Gangrene			2	6	Bloody diarrhoea	3 9
Other skin vasculitis			1	2	♦ Ischaemic abdominal pain	2 6
<b>3. Muc membranes/ eyes</b> <span style="float: right;"><b>Max</b></span>			<b>3</b>	<b>6</b>	<b>8. Renal</b> <span style="float: right;"><b>Max</b></span>	<b>6 12</b>
Mouth ulcers			1	2	Hypertension	1 4
Genital ulcers			1	1	Proteinuria >1+	2 4
Adnexal inflammation			2	4	♦ Haematuria ≥10 RBCs/hpf	3 6
Significant proptosis			2	4	Creatinine 125-249 μmol/L (1.41-2.82mg/dl)*	❖ 4
Scleritis / Episcleritis			1	2	Creatinine 250-499 μmol/L (2.83-5.64mg/dl)*	❖ 6
Conjunctivitis / Blepharitis / Keratitis			1	1	♦ Creatinine ≥500 μmol/L (≥5.66mg/dl)*	❖ 8
Blurred vision			2	3	♦ Rise in serum creatinine >30% or fall in creatinine clearance >25%	❖ 6
Sudden visual loss			❖	6	<b>*Can only be scored on the first assessment</b>	
Uveitis			2	6	<b>9. Nervous system</b> <span style="float: right;"><b>Max</b></span>	<b>6 9</b>
♦ Retinal changes (vasculitis / thrombosis / exudate / haemorrhage)			2	6	Headache	1 1
<b>4. ENT</b> <span style="float: right;"><b>Max</b></span>			<b>3</b>	<b>6</b>	Meningitis	1 3
Bloody nasal discharge / crusts / ulcers / granulomata			2	4	Organic confusion	1 3
Paranasal sinus involvement			1	2	Seizures (not hypertensive)	3 9
Subglottic stenosis			3	6	♦ Cerebrovascular accident	3 9
Conductive hearing loss			1	3	♦ Spinal cord lesion	3 9
♦ Sensorineural hearing loss			2	6	♦ Cranial nerve palsy	3 6
<b>5. Chest</b> <span style="float: right;"><b>Max</b></span>			<b>3</b>	<b>6</b>	Sensory peripheral neuropathy	3 6
Wheeze			1	2	♦ Mononeuritis multiplex	3 9
Nodules or cavities			❖	3	<b>10. Other</b> <span style="float: right;"><b>Max</b></span>	❖ ❖
Pleural effusion / pleurisy			2	4	a.	❖ ❖
Infiltrate			2	4	b.	❖ ❖
Endobronchial involvement			2	4	c.	❖ ❖
♦ Massive haemoptysis / alveolar haemorrhage			4	6	d.	❖ ❖
♦ Respiratory failure			4	6	<b>PERSISTENT DISEASE ONLY:</b>	
						(Tick here if <b>all</b> the abnormalities are due to persistent disease) <input style="width: 20px; height: 15px; border: 1px solid black;" type="checkbox"/>

♦ Indicates major item ❖ These items are not scored P=Persistent N/W=New or Worse

Max indicates the maximum score for each section

Maximum persistent score = 33 Maximum new/worse score = 63

Please note, only score for persistent if all items are persistent; if any items are new/worse score all items as new/worse

References: Luqmani, RA, et al. (1994). "Birmingham Vasculitis Activity Score (BVAS) in systemic necrotizing vasculitis." QJM 87(11):671-8.

Luqmani, RA, et al. (1997). "Disease assessment and management of the vasculitides." Baillieres Clin Rheumatol 11(2): 423-46. Mukhtyar C.

et al (2009). "Modification and validation of the Birmingham Vasculitis Activity Score (version 3) ARD 68:1827