PAEDIATRIC VASCULITIS DAMAGE INDEX (PVDI)

This records cumulative organ damage from the onset of vasculitis. Co-morbidity before the onset of vasculitis, ***must not be scored.*** *Record features of active disease using the paediatric Vasculitis Activity Score (pVAS). A new patient* ***usually has a PVDI score of zero,*** *unless: (a) they have had vasculitis for more than three months* ***and*** *(b) the damage occurred after the onset of vasculitis*

1. Musculoskeletal	**No**	**Yes**
None	☐	
Significant muscle atrophy		○
Deforming/erosive arthritis		○
Osteoporosis/vertebral collapse		○
Avascular necrosis		○
Osteomyelitis		○
2. Skin/Mucous membranes		
None	☐	
Alopecia		○
Cutaneous ulcers, scars, minor tissue loss		○
Persistent mouth ulcers or microstomia		○
3. Ocular		
None	☐	
Cataract		○
Retinopathy		○
Optic atrophy		○
Diplopia / tunnel vision / photophobia		○
Loss of acuity (not correctable by refraction)		○
Vision < 20/200 (blind) in either eye		○
Orbital wall destruction		○
4. ENT		
None	☐	
Hearing loss		○
Nasal blockage/chronic discharge/crusting		○
Nasal bridge collapse/septal perforation		○
Chronic sinusitis/radiological damage		○
Subglottic or tracheal stenosis		○
5. Pulmonary		
None	☐	
Pulmonary hypertension		○
Pulmonary fibrosis		○
Pulmonary thrombo-embolic disease		○
Pleural fibrosis		○
Chronic asthma		○
Cryptogenic breathlessness		○
Lung function <50% predicted or home oxygen		○
6. Cardiovascular		
None	☐	
Coronary artery aneurysm / ectasia or stenosis		○
Myocardial infarction		○
Cardiomyopathy		○
Valvular disease		○
Chronic pericarditis or pericardectomy		○
BP> 95th centile or requiring antihypertensives		○
7. Gastrointestinal		
None	☐	
Gut infarction/resection / stricture		○
Mesenteric insufficiency/pancreatitis		○
Oesophageal stricture/ oesoph surgery		○
Malabsorption / chronic diarrhoea		○

Name
Trial Number
Date
Centre

8. Peripheral vascular disease	
None	☐
Absent pulses in a limb	○
Major vessel stenosis	○
Persistent claudication	○
Major tissue loss & surgical resection	○
Complicated venous thrombosis	○
9. Renal	
None	☐
Estimate/measured GFR 15-60 ml/min/1.73m^2	○
Alb:creat >100 mg/mmol or >2+ proteinuria	○
End stage renal disease	○
10. Neuropsychiatric	
None	☐
Cognitive impairment	○
Major psychosis / psychiatric disorder	○
Seizure requiring medication > 6mo	○
Cerebrovascular accident	○
Cranial nerve lesion	○
Peripheral neuropathy	○
Spinal cord lesion	○
11. Other	
None	☐
Primary gonadal failure / delayed puberty	○
Secondary gonadal failure	○
Growth delay / failure to thrive	○
Marrow failure	○
Diabetes	○
Chemical cystitis	○
Malignancy	○
Other *(details)*	○
	○
	○
	○
	○

Total VDI: 1 point for each positive item.
Carry forward any previous items

School absence (average / month)

No. months from last PVDI review	
≤ 1 day / month (< 5%)	○
> 1 up to 3 days / month (Ø 9 %)	○
> 3 up to 5 days / month (Ø 18 %)	○
> 5 up to11 days / month (Ø 36%)	○
> 11 days / month (> 50%)	○

PVDI; N Wilkinson et al 2009. (Modified from Exley AR, et al (1997) Arthritis Rheum 40: 371-380)