



CLINICAL CHECKLIST AORTIC ANEURYSM

FOR AORTIC ANEURYSM SCREENING ONE LABORATORY REQUEST AND ONE CLINICAL CHECKLIST SHOULD BE COMPLETED PER PERSON.

These forms may be requested by phone or downloaded from the website.

Patient information

Name (first, last name) : _____
DOB (dd/mm/yr) : _____ / _____ / _____
Sex : M / F
Height : _____ cm Weight : _____ kg Blood pressure : _____ / _____ mmHg
Referring physician : _____
Referring center : _____

Sample type :

- EDTA-blood
- DNA
- fibroblasts
- vascular smooth muscle cells
- skin biopsy
- aortic biopsy (physiological medium)
- aortic biopsy (frozen)
- aortic biopsy (paraffin embedded)
- aortic valve (physiological medium)
- aortic valve (frozen)
- aortic valve (paraffin embedded)

Gene defect (if known) : Gene : _____ Mutation : _____

Clinical diagnosis

- Marfan syndrome
- Loeys-Dietz syndrome
- vascular Ehlers-Danlos syndrome
- arterial tortuosity syndrome
- Thoracic aortic aneurysm or dissection (TAAD)
 - sporadic case
 - positive family history
- TAAD with patent ductus arteriosus (PDA)
- BAV without aortic aneurysm (BAV only)
 - sporadic case
 - positive family history
- BAV with aortic aneurysm (BAV/TAA)
 - sporadic case
 - positive family history
- other diagnosis : _____

Name patient (please complete) :

Phenotypic features (1)

Cardiovascular (echo date : ____ / ____ / ____)

Aortic measurements

Aortic valve annulus : _____ mm
Aortic root (sinus Valsalva) : _____ mm
Sinotubular junction : _____ mm
Ascending aorta : _____ mm
Aortic arch : _____ mm
Descending aorta : _____ mm

Current medications :

Aortic dissection : at age _____ yrs

0 Type A

0 Type B

Prior dilation : Y / N / Unknown

Aortic surgery : at age _____ yrs

Aortic tortuosity : Y / N / Unknown

Aortic valve : 0 tricuspid 0 bicuspid

0 stenotic - gradient : _____ mmHg

0 insufficiency : grade 0 – 1 – 2 – 3 (none-mild-moderate-severe)

Mitral valve : 0 mitral valve prolapse : Y / N / Unknown

0 stenotic - gradient : _____ mmHg

0 insufficiency : grade 0 – 1 – 2 – 3 (none-mild-moderate-severe)

Main pulmonary artery :

0 normal

0 dilatation (diameter : _____ mm)

0 stenotic : 0 truncal

0 peripheral

Patent ductus arteriosus : Y / N - surgery at age : _____ yrs

Atrial septum defect : Y / N - surgery at age : _____ yrs

Ventricular septum defect : Y / N - surgery at age : _____ yrs

Other congenital heart defect : Y / N / Unknown, if yes : type : _____

Other arterial aneurysms : Y / N / Unknown, if yes : location : _____

Other arterial dissections : Y / N / Unknown, if yes : location : _____

Other arterial stenosis : Y / N / Unknown, if yes : location : _____

Other arterial tortuosity : Y / N / Unknown, if yes : location : _____

Craniofacial

Age : ____ Outercanthal : ____ cm Innercanthal : ____ cm Interpupillary : ____ cm

Downslanting palpebral fissures : Y / N / NE

Hypertelorism : Y / N / NE Blepharophimosis : Y / N / NE

Post. rotated ears : Y / N / NE Crumpled ears : Y / N / NE

Cleft palate : Y / N / NE High palate : Y / N / NE

Bifid uvula : Y / N / NE Broad uvula : Y / N / NE

Malar hypoplasia : Y / N / NE Beaked nose : Y / N / NE

Retrognathia : Y / N / NE Micrognathia : Y / N / NE

Dolichocephaly : Y / N / NE Long face : Y / N / NE

Craniosynostosis : Y / N - closed sutures : _____ Cranial asymmetry : Y / N

Other : _____

Ophthalmological

Exotropia : Y / N / NE - surgery at age : _____

Esotropia : Y / N / NE - surgery at age : _____

Proptosis : Y / N / NE

Blue sclerae : Y / N / NE

Lens (sub)luxation : Y / N / NE Scleral/corneal fragility : Y / N / NE

Retinal detachment : Y / N / NE Tortuosity retinal arteries : Y / N / NE

Keratoconus/globus : Y / N / NE Retinal degeneration : Y / N / NE

Myopia : Y / N / NE - diopters : L : - _____ R : - _____

Other : _____

Name patient (please complete) :

Phenotypic features (2)

Skeletal

Age : ____ Height : _____ cm Armspan : _____ cm US : _____ cm LS : _____ cm
Armspan/height : _____ US/LS : _____

Arachnodactyly :	Y / N / NE	Joint hypermobility :	Y / N / NE
Wrist sign :	Y / N / NE	Beighton score :	____ / 9
Thumb sign :	Y / N / NE	Thumb abduction :	L / R
Camptodactyly :	Y / N / NE	Finger extension :	L / R
Clinodactyly :	Y / N / NE	Elbow extension :	L / R
Flat feet :	Y / N / NE	Knee extension :	L / R
Club feet :	Y / N / NE	Hands on ground :	Y / N
Pectus excavatum :	Y / N / NE	Pectus carinatum :	Y / N / NE
Joint contractures :	Y / N / NE - joints : elbow, shoulder, knee, other : _____		
Scoliosis :	Y / N - surgery at age : _____		
Cervical instability :	Y / N / NE	Kyphosis :	Y / N / NE
Spondylolisthesis :	Y / N / NE	Osteoporosis :	Y / N / NE
Osteo-arthritis :	Y / N / NE - location : _____		
Protrusio acetabuli :	Y / N / NE		
Other :	_____		

Skin

Hyperextensibility :	Y / N	Velvety texture :	Y / N	Translucency :	Y / N
Striae :	Y / N	Delayed wound healing :	Y / N	Easy bruising :	Y / N
Widened, atrophic scars :	Y / N - if yes, location : _____				
Herniae :	Y / N - type : _____				

Other organ systems

Pneumothorax :	Y / N / unknown	Lung emphysema :	Y / N / unknown
Dural ectasia :	Y / N / unknown	Gastro-intestinal rupture :	Y / N / unknown
Uterine rupture :	Y / N / unknown	Intestinal diverticulae :	Y / N / unknown
Acute myocardial infarct :	Y / N / unknown	Cerebrovascular infarction :	Y / N / unknown

Pedigree

Consanguinity : Y / N / unknown - if yes : degree : _____