

Physical assessments in the Canadian Longitudinal Study on Aging (CLSA)

Physical Assessment	Data Collected by the CLSA*	
Weight and Height	Weight (WGT)	
	Height (HGT)	
	Body Mass Index (HWT)	
Hip and waist Circumference (WHC)	Waist circumference	
	Hip circumference	
	Waist to hip ratio	
Pulse Rate and Blood Pressure (BP)	Systolic Blood Pressure (up to 6 measurements)	
	Diastolic Blood Pressure (up to 6 measurements)	
	Pulse (up to 6 measurements)	
	Average Systolic Blood Pressure (All measurements)	
	Average Diastolic Blood Pressure (All measurements)	
	Average Pulse (All measurements)	
	Average Systolic Blood Pressure (Excluding 1 st reading)	
	Average Diastolic Blood Pressure (Excluding 1 st reading)	
	Average Pulse (Excluding 1 st reading)	
Electrocardiogram (ECG)	Test Quality Indicator	
	Diagnosis Summary	
	Detailed Diagnosis	
	Ventricular Rate	
	PQ Interval	
	P Duration	
	QRS Duration	
	QT Interval	
	QTC Interval	
	RR Interval	
	PP Interval	
	P Axis	
	R Axis	
	T Axis	
	QRS Number	
	P Onset	
	P Offset	
	Q Onset	
	Q Offset	
	T Offset	
ECG Tracing		
Carotid Intima Media Thickness (CI)	Carotid Intima	Cine-loops 1 to 3
		Still Image
		Structured Report
	Plaque	Cine-loop

Physical Assessment	Data Collected by the CLSA*	
Spirometry (SPR)	Ethnicity	
	Forced Vital Capacity (FVC) – up to 8 trials	
	Forced Expiratory Volume in 1 Second (FEV ₁) – up to 8 trials	
	FEV ₁ /FVC Ratio (FEV1%) – up to 8 trials	
	Predicted (FEV ₁ /FVC Ratio)	
	Rank of Trial (1,2,3) – up to 8 trials	
	Session Overall Quality Grade	
Bone Density by DEXA (DXA)	Whole Body	Bone Mineral Density
		T-score
	Dual Hip	Z-score
	IYA Lateral Bone Forearm	Image
Body Composition	Total Fat Mass	
	Total Lean Mass	
	Appendage Lean Mass	
	Total Mass	
	Lean Mass / Height ²	
	Appendage Lean Mass / Height ²	
	Trunk Fat Percentage	
	Body Fat Percentage	
Aortic Calcification	Image	
Hearing (HRG)	Hearing frequency for left and right ears at 500Hz, 1000Hz, 2000Hz, 3000Hz, 4000Hz, 6000Hz & 8000Hz	
	Reliability of test for each ear	
	Status of ear canal for each ear	
Timed 4-Metre Walk (WLK)	Time to complete test	
	Paused or stopped before end of 4 metres	
	Symptoms experienced	
Timed Get Up and Go (TUG)	Time to stand up, walk 3 metres, turn around and sit down again	
Standing Balance (BAL)	Indicator of test completion and reason if not completed	
	Time to complete test (trials 1 and 2 for left and right legs)	
	Best attained time	
Chair Rise : Balance and Coordination (CR)	Number of repetitions	
	Time required to complete chair rise	
	Average chair rise time	
Visual Acuity (VA)	Indicator of test completion and reason if not completed	
	ETDRS acuity log score for right, left and both eyes	
	ETDRS acuity log score for right and left with pinhole	
Tonometry (TON)	Test completion	
	Corneal-Compensated IOP (IOPcc)	
	Intraocular Pressure (IOPg)	

Physical Assessment	Data Collected by the CLSA*
	Corneal Hysteresis (CH)
	Corneal Resistance Factor (CRF)
	Quality Index
Retinal Scan (RS)	Image
Grip Strength (GS)	Dominant Hand
	Threshold
	Trials 1 to 3
	Maximum grip strength attained across all trials
	Average grip strength attained across all trials

* Please cross-reference with the Data Checklist (also available for download on the CLSA website) to see which data are currently *available* to researchers.