

Newcastle 85+ Data Availability

Questionnaires

Section	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5
AIDS/APPLIANCES AND HOUSEHOLD MODIFICATIONS	Yes	No	No	No	No
ALCOHOL	Yes	No	No	No	No
CHEST PAIN (CARDIAC)	Yes	Yes	Yes	No	No
COUGH, SPUTUM, WHEEZE	Yes	Yes	Yes	No	No
DIETARY ASSESSMENT	Yes	No	No	No	No
DISABILITY AND HELP RECEIVED	Yes	Yes	Yes	Yes	Yes
EDUCATION AND WORK	Yes	No	No	No	No
ETHNIC ORIGIN	Yes	No	No	No	No
EXHAUSTION	No	No	No	Yes	Yes
EYESIGHT	Yes	Yes	Yes	Yes	Yes
FALLS	Yes	Yes	Yes	Yes	Yes
FAMILY DATA	Yes	No	No	No	No
FINANCES	Yes	No	No	Yes	Yes
FORMAL HEALTH AND SOCIAL CARE	Yes	Yes	Yes	Yes	Yes
FRACTURES	Yes	No	No	No	Yes
GERIATRIC DEPRESSION SCALE	Yes	Yes	Yes	Yes	Yes
HEARING	Yes	Yes	Yes	Yes	Yes
HOW ARE YOU FEELING TODAY?	Yes	Yes	Yes	Yes	Yes
INCONTINENCE	Yes	Yes	Yes	Yes	Yes
JOINT PAIN	Yes	No	No	No	Yes
KEY EVENTS SINCE PREVIOUS Phase	No	Yes	Yes	Yes	Yes
LIVING ARRANGEMENTS	Yes	Yes	Yes	Yes	Yes
LONELINESS	Yes	Yes	Yes	Yes	No
LONG STANDING ILLNESS/DISABILITY/INFIRMITY	Yes	Yes	Yes	Yes	Yes
MEDICATION-NON-PRESCRIBED	Yes	No	No	No	No
MEDICATION -PRESCRIBED	No	Yes	No	No	No
OCCUPATIONAL EXPOSURE TO LUNG TOXINS	Yes	Yes	Yes	No	No
ORAL HEALTH	Yes	No	Yes	No	No
PAIN	Yes	Yes	Yes	Yes	Yes
PHYSICAL ACTIVITY	Yes	Yes	Yes	Yes	Yes
SELF-RATED HEALTH	Yes	Yes	Yes	Yes	Yes
SHORTNESS OF BREATH	Yes	Yes	Yes	Yes	No
SLEEP	No	No	Yes	No	No
SMOKING	Yes	No	No	No	No
SOCIAL PARTICIPATION	Yes	Yes	Yes	Yes	Yes
SOCIAL SUPPORT	Yes	Yes	Yes	Yes	Yes

Newcastle 85+ Study: Questionnaire sections Phase Assessment 1, 2, 3, 4 and 5

Measurements and function tests

Section	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5
DEMI-SPAN	Yes	No	No	No	No
WEIGHT	Yes	Yes	Yes	Yes	No
BIOIMPEDANCE	Yes	No	Yes	No	No
WAIST/HIP CIRCUMFERENCE	Yes	No	No	No	No
CDR (computerised cognitive assessment)	Yes	Yes	Yes	No	No
STANDARDISED MINI-MENTAL STATE EXAMINATION	Yes	No	Yes	Yes	Yes
HAND-GRIP STRENGTH	Yes	Yes	Yes	Yes	Yes
CHAIR STAND TEST	No	Yes	Yes	No	No
TIMED UP AND GO TEST	Yes	Yes	Yes	Yes	No
7 DAY ACTIVITY MONITORING	No	Yes	Yes	No	No
BLOOD PRESSURE	Yes	Yes	Yes	No	No
SPIROMETRY	Yes	Yes	Yes	No	No
OXIMETRY	Yes	Yes	Yes	No	No
ECG	Yes	Yes	Yes	No	No
TOOTH COUNT	Yes	No	Yes	No	No
CARDIAC ECHOCARDIOGRAM	No	Yes	Yes	No	No
CAROTID INTIMA MEDIA THICKNESS	No	Yes	Yes	No	No
VASCULAR RESISTANCE (SPhase ygmocor and vicorder)	No	Yes	Yes	No	No

Phase 3.

Newcastle 85+ Study: Measurement and Function tests phase assessment 1, 2, 3, 4

Blood assays (Phases 1 - 3 Only)

	Phase 1	Phase 2	Phase 3
Creatinine, Urea, Electrolytes	Yes	Yes	Yes
Urate	Yes	No	No
LFT/BONE panel	Yes	No	Yes
Full blood cell count	Yes	Yes	Yes
HbA1c	Yes	Yes	Yes
Fasting glucose	Yes	No	Yes
Fasting lipid profile (Cholesterol, Triglycerides, HDL,LDL)	Yes	No	Yes
Apolipoproteins	Yes	No	Yes
hsCRP	Yes	Yes	Yes
Cortisol	Yes	No	Yes
Thyroid function: TSH, FT4, T3 and ATPO.	Yes (inc rev T3)	No	Yes (Not ATPO)
Rheumatoid factor	Yes	No	No
NT-PRO BNP	Yes	Yes (subset)	Yes (subset)
NRGB-1	Yes	Yes (subset)	Yes (subset)
GDF-15	Yes	Yes (subset)	Yes (subset)
ST-2	Yes	Yes (subset)	Yes (subset)
Endoglin	No	Yes (subset)	Yes (subset)
DNA damage and repair	Yes	Yes	Yes
Telomere length	Yes	Yes	Yes
Telomerase	No	Yes	No
Isoprostanes	Yes	Yes	Yes
4-colour Flow cytometry analysis of lymPhase ocyte subpopulations. Fresh samples	Yes	Yes	Yes
10-colour Flow cytometry analysis of lymPhase ocyte subpopulations. Frozen samples	No	Yes	No
LPS-stimulated cytokine (IL-6 and TNF- α) production.	Yes	Yes	Yes
CMV	Yes (subset)	Yes	No
Vitamin B12	Yes	No	No
Red cell folate	Yes	No	No

Ferritin	Yes	No	No
Homocysteine	Yes	No	Yes
Vitamin B2	Yes	No	No
Vitamin B6	Yes	No	No
Vitamin C	No	Yes	No
Vitamin D	Yes	No	No
Mitochondrial haplotype	Yes	No	No
Reactive oxygen production by mitochondria	No	No	Yes
GWAS	Yes	No	No

Newcastle 85+ Study: Blood assays Phase Assessment 1,2,3

GP Record review

	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5
GP RECORD REVIEW	Yes	No	Yes	Yes	Yes
Disease diagnoses (ever), pre-specified list of conditions for each category					
Cardiovascular/cerebrovascular	Yes	No	Yes	Yes	Yes
Cancer	Yes	No	Yes	Yes	Yes
Endocrine	Yes	No	Yes	Yes	Yes
Eye	Yes	No	Yes	Yes	Yes
Liver	Yes	No	No	No	No
Musculoskeletal	Yes	No	Yes	Yes	Yes
Neurological	Yes	No	Yes	Yes	Yes
Pyschiatric	Yes	No	Yes	Yes	Yes
Respiratory	Yes	No	Yes	Yes	Yes
Key events in last 6-12 months					
BP check (12m)	Yes	No	Yes	Yes	Yes
Influenza vaccination (12m)	Yes	No	Yes	Yes	Yes
Depression (12m)	Yes	No	Yes	Yes	Yes
Infections (12m)	Yes	No	Yes	Yes	Yes
Medication check (6 months)	Yes	No	Yes	Yes	Yes
Prescribed medication	Yes	No	Yes	Yes	Yes
Consultations with primary care team members in previous 12 months	Yes	No	Yes	Yes	Yes
Hospital admissions	Yes	No	Yes	Yes	Yes

The full study questionnaires and the proforma used for GP record review are available on the Newcastle 85+ Study website (www.ncl.ac.uk/iah/research/programmes/85plus.htm).

Date and Cause of death from NHS Digital (received quarterly)