

# MANUAL of Variables

Project: R01MB-M\_BONE



## BONE RADIO AND TIBIA SONOMETRY (SOS)

Variable	Description	Values
<b>proyecto</b>	Historical Project	C1, PL, BI, SF
<b>folio</b>	Historical Folio	
<b>id</b>	Patient Identifier	CC-0000-R01MB-M
<b>foliocc</b>	Participant's folio	
<b>fecha_etapa</b>	Visit date	
<b>etapa</b>	Project	MLM-BONE
<b>f0</b>	Participant (f0 =mother)	1=Yes
<b>fechadenacimiento</b>	Study Date	Date day/month/year
<b>visita</b>	Measurement day	Date day/month/year
<b>sosradio</b>	1st radio sonometry capture m/s	Number>3,000-<5,000
<b>sosradio_revision</b>	2nd radio sonometry capture m/s	Number>3,000-<5,000
<b>tscoreradio</b>	1st radio sonometry t-score capture	t-score
<b>tscoreradio_revision</b>	2nd radio sonometry t-score capture	t-score
<b>zscoreradio</b>	1st capture z-score radio sonometry	z-score
<b>zscoreradio_revision</b>	2nd capture z-score radio sonometry	z-score
<b>sostibia</b>	1st radio sonometry capture m/s	Number >3,000-<5,000
<b>sostibia_revision</b>	2nd radio sonometry capture m/s	Number >3,000-<5,000
<b>tscoretibia</b>	1st radio sonometry t-score capture	t-score
<b>tscoretibia_revision</b>	2nd radio sonometry t-score capture	t-score
<b>zscoretibia</b>	1st capture z-score radio sonometry	z-score
<b>zscoretibia_revision</b>	2nd capture z-score radio sonometry	z-score
<b>observaciones</b>	Describe the reasons, in special cases, where some measurement was not carried out	Text

### Notes on units:

**sosradius and sostibia:** The units for bone density measurements obtained using bone ultrasound (SOS) are usually meters per second (m/s). This measures the speed of sound through bone, which is related to bone density.

**tscoreradio, tscoretibia, zscoreradio, zscoretibia:** These values are indices and have no physical units. The T-score and Z-score are statistical measures that indicate how many standard deviations the patient's result is from the mean of a reference population.