

Five steps to use Encrypted IDs within Studies

1. Prepare the IDs (performed by Enigma)

RawNHIs

Study-eNHIs

DataProviders-eNHIs (one for each provider)

2. Deliver the eNHIs to the Researchers (performed by Enigma)

Study-eNHIs

DataProviders-eNHIs (one for each provider)

} Study's 'both-table', includes all eNHIs, no RawNHIs

3. Deliver the eNHIs to each of the Data Providers (performed by Enigma)

RawNHIs

DataProvider-eNHIs

} Provider specific 'both-table'

4. Data providers substitute **RawNHIs** with **DataProvider-eNHIs** in clinical data

~~RawNHIs~~

DataProvider-eNHIs

Clinical data

} Anonymised clinical data set, safe to transport

5. Researchers substitute **Study-eNHIs** into each Provider's clinical data

~~DataProvider-eNHIs~~

Study-eNHIs

Clinical data

} Linkable, anonymised clinical data sets

Researchers are able to link data from multiple providers, never seeing RawNHIs