Consistency is key when using fiducials; collaborative or data mining projects become impossible without accurate position labels.

Traditionally in EEG, the terms Left/Right PreAuricular (LPA/RPA) are used to refer to the ear fiducials.

While LPA/RPA are palpable anatomical features, they are difficult to locate in anatomical MR head images.

To address this issue and allow for MR coregistration, various labs utilize in-house fiducials (unfortunately, some do so while retaining the LPA/RPA label).

We suggest using the terms: Left|Right Helix-Tragus Junction (LHJ|RHJ), Left|Right Ear canal (LEC|REC), Left|Right Helix-Scalp Junction (LHS|RHS), and Left|Right PreAuricular (LPA|RPA).

We strongly recommend the use of the Left|Right Helix-Tragus Junction (LHJ|RHJ) as the get_chanlocs lateral fiducials, as these are best defined in both 3D and MR head images.

For a detailed discussion on ear fiducials from the Donders Centre in Nijmegen, please visit: [http://www.fieldtriptoolbox.org/faq/how_are_the_lpa_and_rpa_points_defined/](http://www.fieldtriptoolbox.org/faq/how_are_the_lpa_and_rpa_points_defined/)