**Date**: 8/16/2017

**Attendees**: Helen, Asiyah, Mr.Chou, Karen, Yage and Zheng

**Discussed**:

1. Basic text mining method to convert free text to vectors for further research.
2. Word frequency analysis based on keywords list and all BI records’ text content
3. Generate word cloud for MDR text

**Action items**:

Yage & Zheng:

1. Display details of whole process of natural language processing (including text cleaning methods)
2. Develop statistic model logistic regression
3. Append free text and vectors together as a single table for quality control
4. Generate a word cloud from social media <http://healingbreastimplantillness.com/breast-implant-symptoms/>

Helen & Asiyah:

1. Update keywords list including but not limited to biomarkers, special words for manually check (e.g. confirm, suspect)
2. Send proper statistic model lists to Yage & Zheng
3. In order to train the logistic regression model, we need a list of confirmed ALCL report numbers