

PROTOCOL TITLE:

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**VERSION NUMBER/DATE:**

**Table of Contents**

1.0	Study Summary.....
2.0	Objectives .....
3.0	Background.....
4.0	Study Endpoints.....
5.0	Study Intervention/Investigational Agent.....
6.0	Procedures Involved.....
7.0	Data and Specimen Banking.....
8.0	Sharing of Results with Subjects .....
9.0	Study Timelines .....
10.0	Inclusion and Exclusion Criteria.....
11.0	Vulnerable Populations.....
12.0	Local Number of Subjects .....
13.0	Recruitment Methods.....
14.0	Withdrawal of Subjects.....
15.0	Risks to Subjects.....
16.0	Potential Benefits to Subjects .....
17.0	Data Management and Confidentiality .....
18.0	Provisions to Monitor the Data to Ensure the Safety of Subjects.....
19.0	Provisions to Protect the Privacy Interests of Subjects.....
20.0	Consent Process .....
21.0	Setting .....
22.0	Resources Available.....

PROTOCOL TITLE:

## 1.0 Study Summary

<b>Study Title</b>	
<b>Study Design</b>	
<b>Primary Objective</b>	
<b>Secondary Objective(s)</b>	
<b>Research Intervention(s)/ Investigational Agent(s)</b>	This study is observational only.
<b>IND/IDE #</b>	
<b>Study Population</b>	
<b>Sample Size</b>	
<b>Study Duration for individual participants</b>	
<b>Study Specific Abbreviations/ Definitions</b>	

PROTOCOL TITLE:

## **2.0 Objectives**

## **3.0 Background**

## **4.0 Study Endpoints**

## **5.0 Study Intervention/Investigational Agent**

## **6.0 Procedures Involved**

## **7.0 Data and Specimen Banking**

- 7.1 The PHI data obtained for this study will always remain within the institution infrastructure that is encrypted and password protected.
- 7.2 A fully de-identified subset of the full dataset, limited to the XXX images and to their XXX data element outcomes obtained from the XXX, will be hosted by the University of Chicago on a cloud compute infrastructure for non-commercial, academic research. Before accessing any data, researchers are required to submit human subjects training certificate and sign a user agreement stating their commitment to use the data for only non-commercial purposes. Downloading the data is strictly forbidden, and there are technical safeguards in place within the cloud platform to prevent any download.

## **8.0 Sharing of Results with Subjects**

## **9.0 Study Timelines**

## **10.0 Inclusion and Exclusion Criteria**

## **11.0 Vulnerable Populations**

## **12.0 Local Number of Subjects**

## **13.0 Recruitment Methods**

## **14.0 Withdrawal of Subjects**

- 14.1 We will not have direct patient interaction.

## **15.0 Risks to Subjects**

- 15.1 This study contains no direct patient interaction or intervention. The major risk is data security, which is addressed by ensuring only study staff have access to these PHI data. Removing all PHI as

PROTOCOL TITLE:

defined by HIPAA for the de-identified data will protect patient confidentiality.

**16.0 Potential Benefits to Subjects**

**17.0 Data Management and Confidentiality**

17.1 We will keep all PHI data within the secure environment provided by the health system information technology. The compute environment will be encrypted and password protected. Any data shared among the study staff will be done using a secure file transfer protocol. Shared results will be deidentified and aggregated to maintain patient confidentiality. All de-identified datasets will comply with HIPAA standards.

The de-identified data on the cloud compute infrastructure, *described above in Section 7.2*, will be available for future research by investigators who commit – via a signed Terms of Use agreement – to use the data for non-commercial research purposes only.

**18.0 Provisions to Monitor the Data to Ensure the Safety of Subjects**

18.1 We will not have direct patient interaction.

**19.0 Provisions to Protect the Privacy Interests of Subjects**

19.1 To protect subjects' privacy interests, all PHI data will remain on a secure compute environment. The de-identified data will be limited through terms of service agreements to protect patient privacy.

**20.0 Consent Process**

**21.0 Setting**

**22.0 Resources Available**

**23.0 References**