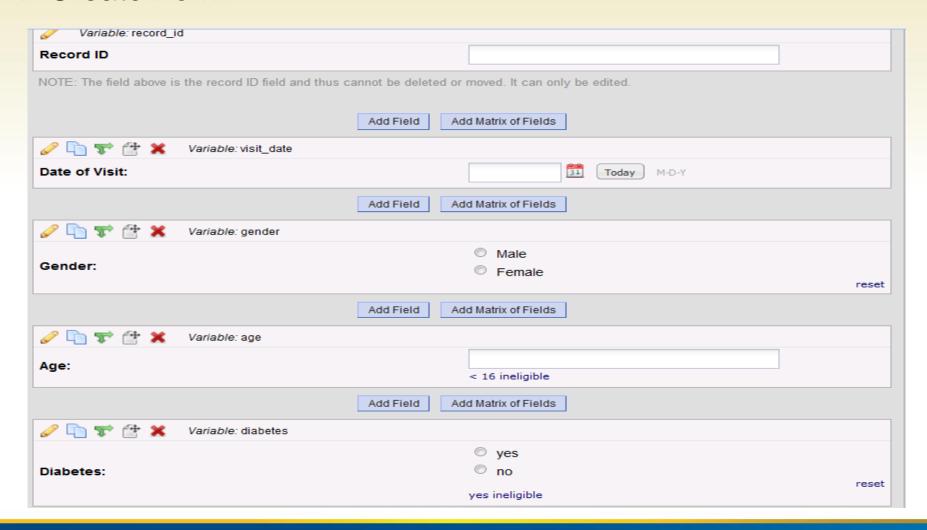
# CLINICAL &TRANSLATIONAL SCIENCE INSTITUTE

Research & Academic IT REDCap new features



#### REDCap – Eligibility Criteria Use Case

#### 1. Create Form



## REDCap - Calculated Fields

#### 2. Add Calculated Fields

	Add Field Add Matrix of Fields				
Calculated Fields - Ineligible < 16		View equation			
Add Field Add Matrix of Fields					
Calculated Field - ineligible has diabetes		View equation			

#### IF ([field] = value, set true, else false)

Calculation equation for variable "inelig\_diabetes"

Calculation equation for variable "inelig\_age"

Variable Name: inelig\_diabetes

Field Label: Calculated Field - ineligible has diabetes

Calculation: if ([diabetes] = 1, 1,0)

Variable Name: inelig\_age

Field Label: Calculated Fields - Ineligible < 16

**Calculation:** if ([age] < 16,1,0)



## REDCap - Calculated Fields

\*\*\* Make sure you do not enable branching on the calculated field.

	Add Field Add Matrix of Fields
Ø □ ▼ ② X Variable: inelig_age	
Calculated Fields - Ineligible < 16	View equation
	Add Field Add Matrix of Fields
Ø □ ▼ ② X Variable: inelig_diabetes	
Calculated Field - ineligible has diabetes	View equation cant hide a calculated var need desc var to hide and show

\*\* you will have errors upon entry if you enable branching on a calculate field

ERASE CURRENT VALUE OF THE FIELD "inelig\_age"?

The current field for which you just entered data requires that the field named "inelig\_age" be hidden from view. However, that field already has a value, so its value might need to be reset back to a blank value.

Click OK to HIDE this field and ERASE its current value. Click CANCEL if you DO NOT wish to hide this field or erase its current value.

OK

Cancel

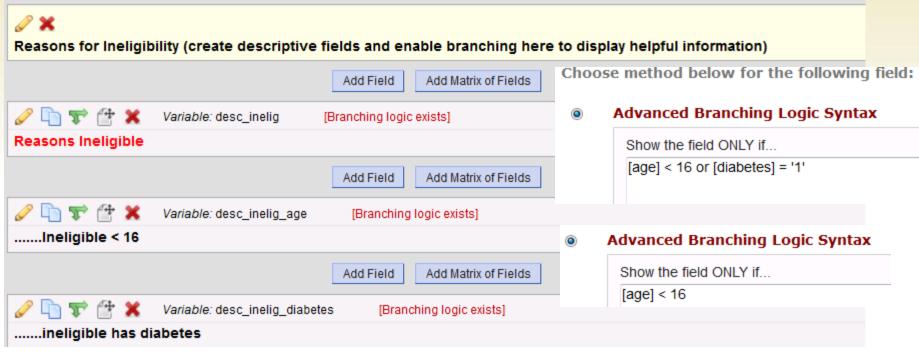
## REDCap – Action Tags

While testing keep calculated fields visible then use Action tags in field

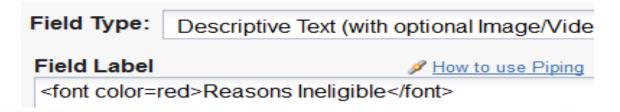
🧞 📠 む	Variable: inelig_diabete	es e
alculated	Field - ineligible has diabete	View equation
	Field Annotation	Learn about Action Tags
	@HIDDEN	
	Explanatory notes - not displayed o	n any page ?
All avai	lable action tags and their de	escriptions:
Add	@HIDDEN	Hides the field on the survey page, the data entry form, and in the REDCap mobile app. Field will stay hidden even if branching logic attempts to make it visible.
Add	@HIDDEN-FORM	Hides the field only on the data entry form (i.e., not on the survey page). Field will stay hidden even if branching logic attempts to make it visible.
Add	@HIDDEN-SURVEY	Hides the field only on the survey page (i.e., not on the data entry form). Field will stay hidden even if branching logic attempts to make it visible.
Add	@READONLY	Makes the field read-only (i.e., disabled) on the survey page, the data entry form, and in the REDCap mobile app so that its value cannot be changed.
Add	@READONLY-FORM	Makes the field read-only (i.e., disabled) only on the data entry form (i.e., not on the survey page or mobile app) so that its value cannot be changed.
Add	@READONLY-SURVEY	Makes the field read-only (i.e., disabled) only on the survey page (i.e., not on the data entry form or mobile app) so that its value cannot be changed.

# REDCap — Descriptive Fields, Advanced Branching

#### 3. Create section to display reasons a subject may be ineligible



\*\* embed html ex: <font color=red>TEXT HERE</font>



#### REDCap - Advanced Branching & Formatting

4. Create section to display reasons a subject may be ineligible

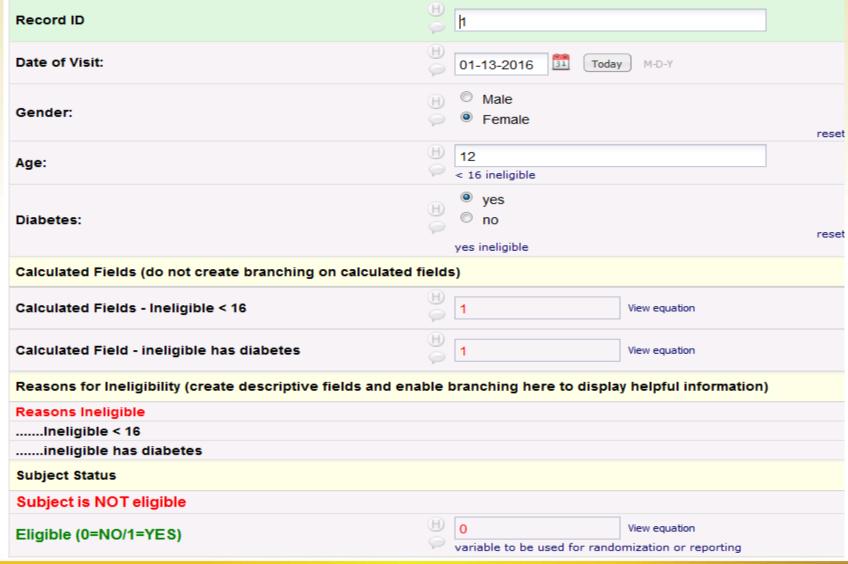
	Add Field Add Matrix of Fields	
	[Branching logic exists]	
Subject is eligible		
	Add Field Add Matrix of Fields	
	[Branching logic exists] Field Label	
Subject is NOT eligible	<font color="red" size="2">Subject is NOT eligible<!--</th--><th>font&gt;</th></font>	font>
	Add Field Add Matrix of Fields	
Eligible (0=NO/1=YES)	View equation  variable to be used for randomization or reporting	
	Calculation Equation How do I format the equation?	
	if ([inelig_age] = '1' or [inelig_diabetes] = '1',1,0)	

### REDCap

5. Using the eligible field to prevent an action ex: prevent randomization on an ineligible subject

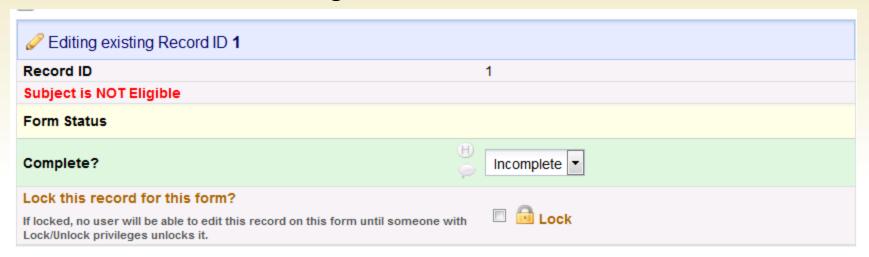


# REDCap - Completed Subject



# REDCap - Completed Subject

#### Randomization – Ineligible



#### Randomization - Eligible

