

Pediatric Heart Transplant Study
Form 0499: Coronary Angiograms /

ID# P

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P	Institution Code	Sequential Patient Number	Patient Initials
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1. Date of Angiograms or evaluation:

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1b: Intravascular Ultrasound Performed: Yes No
1c: Since tx or last form 0499, Prior PTCA/CABG Yes No

2. Indication for Angiograms (check only one):

<input type="checkbox"/> Research Protocol	<input type="checkbox"/> Routine, per established protocol (i.e., "yearly" evaluation)
<input type="checkbox"/> Objective evidence of graft dysfunction/CAD	<input type="checkbox"/> Follow-up from PTCA/Revascularization
<input type="checkbox"/> Non-invasive test prior to this date indicated coronary disease, (Specify test _____)	<input type="checkbox"/> Symptoms (suggesting CHF or angina equivalent)
<input type="checkbox"/> Angio NOT DONE: Non-invasive test performed, specify: _____	

3. Left ventricular function evaluation (nearest to coronary angiograms):

a. Date of study: ___ - ___ - ___ None performed within 30 days of angiograms (skip to #4)

b. Method: Radionuclide angiogram (MUGA) Contrast ventriculogram MRI Echocardiogram (only if others not performed)

c. Left Ventricular Ejection Fraction: ___ % Echo Shortening Fraction (if measured): ___ %

d. Wall Motion (check all that apply):

<input type="checkbox"/> Normal (skip to number 4)	<input type="checkbox"/> Not interpreted for wall motion abnormalities (skip to number 4)
<input type="checkbox"/> Hypokinesis: → <input type="checkbox"/> 1 segment or wall <input type="checkbox"/> > 1 segment or wall <input type="checkbox"/> diffuse	
<input type="checkbox"/> Akinesis: → <input type="checkbox"/> 1 segment or wall <input type="checkbox"/> > 1 segment or wall <input type="checkbox"/> diffuse	
<input type="checkbox"/> Dyskinesis: → <input type="checkbox"/> 1 segment or wall <input type="checkbox"/> > 1 segment or wall <input type="checkbox"/> diffuse	

3e. Dobutamine Stress Echo (if done): Date: ___ - ___ - ___ , Maximum Dobutamine Dose: ___ mcg/kg/min

Baseline: Normal Hypokinesis (1seg, > 1seg, diffuse), Akinesis/dyskinesis (1seg, > 1seg, diffuse)

Stress: Normal New hypokinesis (1seg, > 1 seg, diffuse), New Akinesis/dyskinesis (1seg, > 1 seg, diffuse)

Maximum Heart Rate Acheived: ___ LV Dilatation with Stress: Yes No

4. Angiography:

a. Injection sites (check all that apply): Left Ventricle Aorta
 Selective Left Coronary Selective right coronary

b. Dominance: Right Left Co-dominant (must be indicated, cannot change in the same heart)

c. Method of Interpretation: Visual Estimate Caliper Computer Assisted (specify system): _____

5. Results: a. Normal (all arteries visualized), skip the remainder of this form Abnormal (complete form)

b. If LV or aorta injection only: Left main stenosis LAD Stenosis RCA stenosis LCx stenosis

c. Selective Coronary Angiograms (place "X" in appropriate check box indicating findings for each artery/segment*):

	L Main	LAD	D1	D2	D3	LCx	M1	M2	M3	RCA	PDA	PLSA	PLB
Normal	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Not Visualized	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Absent (congenital)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Proximal (or entire segment):													
< 50%	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
50-70%	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
70-99%	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
100%	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Mid:													
< 50%		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
50-70%		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
70-99%		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
100%		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Distal													
< 50%		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
50-70%		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
70-99%		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
100%		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Diffuse Narrowing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

* L Main = Left main coronary artery; LAD = Left anterior descending; D1-3 = diagonals 1-3; LCx=left circumflex; M1-3=marginals 1-3; RCA = Right coronary artery; PDA = posterior descending; PLSA = posterior lateral segment artery; PLB = branch of the PLSA.

PRINT IN BLACK INK ONLY: USE THIS FORM FOR ALL PATIENTS OR EVENTS FROM January 1, 1999. 2/14/99 RCB

Person Completing this form: _____

Date Original Form Mailed (do not send copy): _____