Appendix 1: Offering Rules for Hearts – Virtual Cross Match Scenarios

1. **HSH Status 4 recipients**: Hearts will be offered to **ALL HSH Status 4** recipients regardless of VXM results.
2. **HSH Sensitized recipients**: Hearts will not be offered to **HSH sensitized** recipients if current or cumulative VXM is positive for any antibody as per the Canadian Transplant Registry (CTR) VXM rules.

   Note: OATS performs its own VXM for all recipients appearing on the allocation. For HSH sensitized recipients appearing in the 'HSH patient identified by CTR' section of the heart allocation, if there is a positive VXM, offer and advise of positive VXM result.
3. **All other recipients**: See table below for program specific instructions:

Scenarios	TGH	HSC	LHSC	OHI
All fields negative	OFFER	OFFER	OFFER	OFFER
Unacceptable DSA Positive: Class I and/or Class II Current	OFFER to HSH Status 4 Only	OFFER ADVISE of +ve VXM	OFFER ADVISE of +ve VXM	OFFER to HSH Status 4 Only
Unacceptable DSA Positive: Class I Cumulative Negative: Class I Current	OFFER ADVISE of +ve VXM	OFFER ADVISE of +ve VXM	OFFER ADVISE of +ve VXM	OFFER for Status 4, 3.5 and 3 ADVISE of +ve VXM
Unacceptable DSA Positive: Class II Cumulative Negative Class I Current	OFFER ADVISE of +ve VXM	OFFER ADVISE of +ve VXM	OFFER ADVISE of +ve VXM	OFFER for Status 4, 3.5 and 3 ADVISE of +ve VXM
Indeterminate DSA Positive: Class I Current	OFFER ADVISE of +ve VXM	OFFER ADVISE of +ve VXM	OFFER ADVISE of +ve VXM	OFFER ADVISE of +ve VXM
Indeterminate DSA Positive: Class I Cumulative	OFFER ADVISE of +ve VXM	OFFER ADVISE of +ve VXM	OFFER ADVISE of +ve VXM	OFFER ADVISE of +ve VXM
Indeterminate DSA Positive: Class II Current	OFFER ADVISE of +ve VXM	OFFER ADVISE of +ve VXM	OFFER ADVISE of +ve VXM	OFFER ADVISE of +ve VXM
Indeterminate DSA Positive: Class II Cumulative	OFFER ADVISE of +ve VXM	OFFER ADVISE of +ve VXM	OFFER ADVISE of +ve VXM	OFFER ADVISE of +ve VXM
Untested: Recipient specificities not identified	OFFER UHN HLA Lab recommends accepting organ if Cumulative VXM is negative. If Cumulative VXM is also untested, then offer must be accepted without VXM results	OFFER	Call HLA lab to clarify before offer	Call HLA lab to clarify before offer
Untested: X# (x#=loci i.e. A2)	OFFER UHN HLA Lab recommends accepting the organ	OFFER	Call HLA lab to clarify before offer	Call HLA lab to clarify before offer

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Undefined donor typing at XXX where Ab are present	OFFER Allow program to decide. This will happen with out-of-country donors and cannot be further resolved.	OFFER	Call HLA lab to clarify before offer	Call HLA lab to clarify before offer
Possible Allele Specific Ab to X####	PRC to call HLA lab to clarify before offer	OFFER	Call HLA lab to clarify before offer	Call HLA lab to clarify before offer