



Electronic copy is controlled under document control procedure. Hard copy is uncontrolled & under responsibility of beholder
It is allowed ONLY to access and keep this document with who issued, who is responsible and to whom it is applicable.
Information Security Classification: Open Shared -Confidential Shared-Sensitive Shared-Secret

Standards for Vascularized Composite Allograft (Limb) Transplant Services – Final

Name of the Facility: _____

Date of Inspection: ____/____/____

Ref.	Description	Yes	No	N/A	Remarks
5.	Standard One: Registration and Licensure Procedures				
5.4.	Accreditation				
5.4.1.	The hospital shall be accredited as per the DHA Hospital accreditation policy before the commencement of VCA (limb) transplant service.				
5.4.2.	The hospital laboratory must be accredited as per the DHA Clinical Laboratory accreditation policy before the commencement of Vascularized Composite Allograft (limb) transplant service.				
5.7.	The health facility shall develop the following policies and procedures at minimum and provide documented evidence to HRS upon request:				
5.7.1.	Patient Continuity of care				
5.7.2.	The health facility's own patient acceptance criteria and exclusion criteria for the Vascularized Composite Allograft (limb) transplant waitlist, taking into account the results of the work-up assessment for the potential transplant candidate, as elaborated in Appendix 1.				
5.7.3.	Patient education and Informed consent, including the provision of donor risk criteria present.				
5.7.4.	Process to inform patients when they have been selected and added to the waitlist or removed from the waitlist for reasons other than death or transplant.				

Checklist	ID	Issue#	Issue Date	Revision Date	Page#
Standards for Vascularized Composite Allograft (Limb) Transplant Services – Final	CP_9.6.01_F51	01	Sep 09,2024	Sep 09,2027	1/5



5.7.5.	Candidate pre-operative assessment and evaluation, including the requirements listed in Appendix 2.				
5.7.6.	ABO Compatibility verification and documentation for Organ Transplantation, conducted by the transplant surgeon and another healthcare professional, in accordance with the requirements listed in Appendix 2.				
5.7.7.	Hospital policy for deceased organ donation as per DHA Standards for Human Organs and Tissues Donation Services (Deceased Donor), DHA Guidelines for Reporting Human Organ and Tissue Donation Services Registry and Key Performance Indicators, and including the requirements listed in Appendix 3 specific to VCA (limb) deceased donor assessment and evaluation.				
5.7.8.	Pre-transplant workup process immediately prior to transplant surgery, including the requirements listed in Appendix 4.				
5.7.9.	Incident reporting to the DHA in accordance with the requirements detailed in Appendix 5.				
5.7.10.	Post-transplant follow-up protocol, including the requirements listed in Appendices 5 (monitoring), 6 (outpatient rehabilitation), and 7 (non- physiotherapy testing after discharge).				
5.7.11.	Patient health record must be maintained and demonstrate that all policies and procedures were followed.				
5.7.12.	Infection control measures, including post-transplant surveillance testing detailed in Appendices 5 and 7, and hazardous waste management.				
5.7.13.	Patient privacy.				
5.7.14.	Medication management.				
5.7.15.	Emergency action plan.				
5.7.16.	Patient discharge/transfer.				
5.8.	The health facility shall provide documented evidence of the following:				

Checklist	ID	Issue#	Issue Date	Revision Date	Page#
Standards for Vascularized Composite Allograft (Limb) Transplant Services – Final	CP_9.6.01_F51	01	Sep 09,2024	Sep 09,2027	2/5



5.8.1.	Transfer of critical/complicated cases when required.				
5.9.	The health facility shall maintain charter of patients' rights and responsibilities posted at the entrance of the premise in two languages (Arabic and English).				
5.11.	The health facility shall ensure it has in place adequate lighting and utilities, including temperature controls, water taps, medical gases, sinks and drains, lighting, electrical outlets, and communications.				
6.	Standard Two: Health Facility Requirements				
6.1.	VCA (limb) Transplant Services shall only be performed in DHA licensed health facilities with Role Delineation Level 5 to 6, or general hospitals with more than 100 beds.				
6.2.	The hospital shall have a Critical Care Support Unit (CCSU) to ensure proper support to all families with patients on end-of-life care pathways. The CCSU director should ensure that families can exercise the right to organ donation after death.				
6.3.	The health facility shall have an Organ Transplant Unit to ensure integrated and seamless transplant services, including VCA (limb) Transplant services.				
6.4.	Health facilities providing VCA (limb) Transplant services shall have the following services:				
6.4.1.	Plastic and Reconstructive surgery.				
6.4.2.	Orthopedics.				
6.4.3.	Cardiology.				
6.4.4.	Pulmonology.				
6.4.5.	Nephrology.				
6.4.6.	Hematology.				
6.4.7.	Pathology Laboratory.				
6.7.	Biochemistry laboratory.				
6.8.	Physiotherapy.				
6.9.	Quality Management.				

Checklist	ID	Issue#	Issue Date	Revision Date	Page#
Standards for Vascularized Composite Allograft (Limb) Transplant Services – Final	CP_9.6.01_F51	01	Sep 09,2024	Sep 09,2027	3/5



6.10.	Health facilities opting to perform VCA (limb) Transplant services must have fully equipped Intensive Care Unit (ICU) capabilities with ventilators and hemodynamic monitoring equipment on-site to perform necessary patient resuscitation.				
6.11.	The hospital shall provide the following:				
6.11.1.	Minimum of two Operating Theatres (OT).				
6.11.2.	Minimum of two rooms for the management of post-transplant patients.				
6.12.	The health facility shall install and operate equipment required for provision of the proposed services in accordance with the manufacturer's specifications.				
6.13.	The health facility shall ensure easy access to the health facility and treatment areas for all patient groups.				
6.14.	The health facility shall provide assurance of patients and staff safety.				
8.	STANDARD FOUR: INFORMED CONSENT FOR VCA (LIMB) TRANSPLANT				
8.1.	For potential transplant recipients who are on the waitlist for a deceased donor VCA (limb), the consent shall be signed before the procedure and maintained in the medical record.				
8.2.	VCA (Limb) Surgery Consent shall include the following:				
8.2.1.	Testing requirements for procedures performed before surgery.				
4.2.2.	Use of medications after transplant, including the need for immunosuppressive medications for the lifetime of the graft.				
8.2.3.	Potential psychosocial risks post-transplant.				
8.2.4.	Post-transplant rehabilitation and physiotherapy requirements, testing, and biopsy schedule				
8.2.5.	Transparency around the time and effort that will be required for post- operative care, and the need to strive for complete compliance with all aspects of rehabilitation.				

Checklist	ID	Issue#	Issue Date	Revision Date	Page#
Standards for Vascularized Composite Allograft (Limb) Transplant Services – Final	CP_9.6.01_F51	01	Sep 09,2024	Sep 09,2027	4/5



8.2.6.	Surgical risks, including risk of death, risks of anaesthesia, risks of rejection, risks of immunosuppressive drugs, risks of graft failure, and risk of cancer development.				
8.2.7.	Organ Transplant Unit's observed and expected one-year survival rate, beginning one year after the hospital's first VCA (limb) transplant.				
8.2.8.	Alternative treatments for the prospective transplant candidate, which include but are not limited to passive prosthesis, body-powered prosthesis, electrically powered prosthesis, hybrid prosthesis and activity-specific prosthesis.				
8.2.9.	Reiterate the rigorous demands of rehabilitation.				
8.2.10.	Organ donor risk factors that could affect the success of the graft or the candidate's health as a recipient.				
8.2.11.	Donor with the risk of disease transmission shall not be included as potential transplant donors.				
8.2.12.	Educate and prepare recipients for the receiving of new fingerprints.				
8.3.	Before performing deceased donor recovery, the following conditions must be met:				
8.5.	The health facility shall design and implement an action plan to educate and raise awareness regarding prevention of organ-related chronic diseases, as well as organ donation.				
11.	Standard Seven: Intra-Operative Care				
11.3.	For paediatric patients, a protocol should be established in advance for managing intra-operative volumes to ensure optimized haemodynamics, while minimizing the use and risks of extensive blood products.				

Checklist	ID	Issue#	Issue Date	Revision Date	Page#
Standards for Vascularized Composite Allograft (Limb) Transplant Services – Final	CP_9.6.01_F51	01	Sep 09,2024	Sep 09,2027	5/5