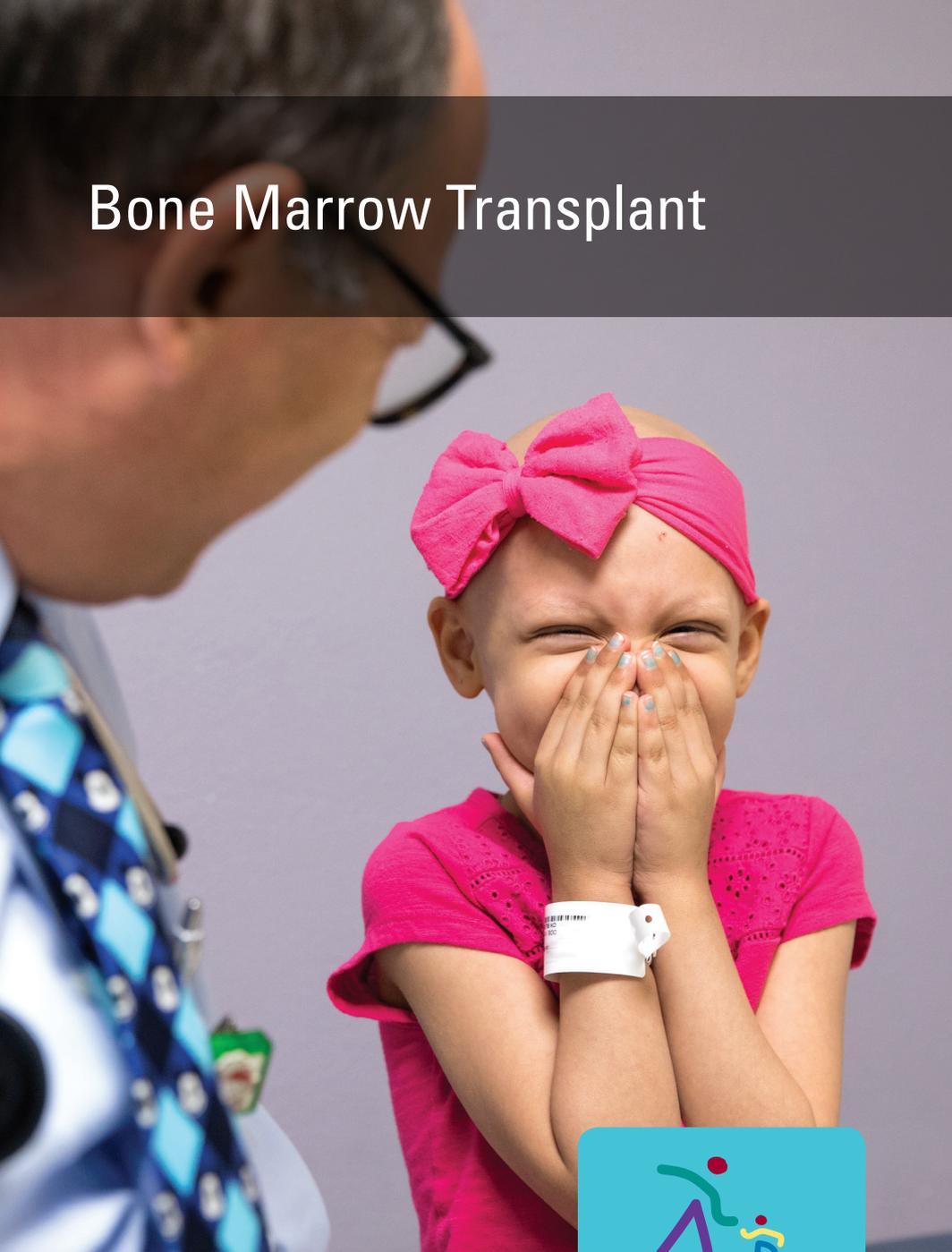


Bone Marrow Transplant



LOMA LINDA
UNIVERSITY
CHILDREN'S
HOSPITAL



Excellence

Loma Linda University Children's Hospital, a Seventh-day Adventist organization, is dedicated to the restoration of the whole person by combining the best in advanced medical science with Christian compassion. It is known around the world for its outstanding clinical services. It provides a stimulating environment for research and the training of physicians, nurses and other health care professionals while ensuring state-of-the-art medical care.

Overview

Loma Linda University Children's Hospital (LLUCH) is the local children's hospital serving a geographical area of 1.2 million of California's children. LLUCH was a part of Loma Linda University Medical Center (LLUMC) since its inception, and has received its own licensure as a dedicated children's hospital in 2014. LLUCH has grown to 343 beds and accepts patients from all of its affiliated hospitals.

LLUCH is located on the campus of Loma Linda University, a private Seventh-day Adventist health science university. This is a premier academic facility and enrolls over 4,500 students and has dedicated teaching faculty that foster research and incorporate academic clinical advances into everyday patient care.

LLUCH is also the only tertiary-care hospital in the area, with a Level I Trauma Center serving Inyo, Mono, Riverside and San Bernardino Counties – an area covering approximately a quarter of the state.

Its unique location in the Inland Empire area, in the midst of San Bernardino and Riverside Counties, makes LLUCH easily accessible from Los Angeles County, Orange County, San Diego County and the Desert communities while providing quick freeway access and free parking.

Our transplant team can make arrangements for patients who live out-of-town and provide assistance with local housing arrangements for the continuum of pre- and post-transplant care ensuring better outcomes.

Program highlights:

- Loma Linda University Children’s Hospital’s Pediatric Bone Marrow Transplant (BMT) program is in its 15th year and is accredited by the Foundation for the Accreditation of Cellular Therapy (FACT) for its highest quality patient care and clinical laboratory performance, since 2007.
- Our pediatric transplant facilities have met rigorous standards as defined by the leading experts in the field and include:
(A) Inpatient: 8 dedicated transplant rooms with protective High Efficiency Particulate Arrestance (HEPA) filters, Laminar Air Flow, Positive Pressure capabilities, housed in a 33 bed hematology-oncology unit.
(B) Outpatient: dedicated clinics and infusion chairs and have specifically trained health care professionals to help with seamless care of patients from diagnosis to long term survival.
- By adapting most recent scientific advances with reduced intensity chemotherapy conditioning regimens, we are able to offer treatments for peripheral blood stem cell, bone marrow, cord blood and haploidentical transplantation for malignant and non-malignant disorders. By selecting the best donor source, the patients’ treatment-related toxicities decrease while ensuring enhanced quality of life and long-term survival.
- For certain cancers, we also offer cancer immunotherapy trials which utilize specific antibodies directed at cancer cells to provide personalized cancer treatment.
- The program meets and exceeds the expected National Marrow Donor Program (NMDP) outcomes.



- Center of Excellence for Medi-Cal/California Children’s Services
- As active partners of the following research consortia, we offer our patients advanced clinical trials
 - » Children’s Oncology Group (COG)
 - » Center for International Blood and Marrow Transplantation Research (CIBMTR)
 - » Childhood Cancer Survivor Study (CCSS)
 - » Pediatric Blood and Marrow Consortium (PBMTC)

**The only pediatric BMT program in the
Inland Empire of San Bernardino and
Riverside Counties.**

Individual Care and Support

In alignment with the philosophy of whole person care LLUCH's Bone Marrow transplant program offers its patients' and their families the following services and resources to support comprehensive individual care:

- **Medical information**

The patient and family is educated in lay terms and walked through the transplant process step by step by various members of the team including our BMT coordinators, nurse clinicians, pharmacist, financial coordinator, social worker, nutritionist, physical therapist and the physicians. Patients receive a corresponding manual that serves as the patient's written guide throughout the process.

- **Continuity of care**

Our physicians work closely with referring pediatricians and oncologists to ensure continuity of care. Patients are referred back to their primary oncologist and pediatrician once they are stable post-transplant and then followed by the BMT program annually in our long-term survival clinic.

- **Psycho-social support**

Every patient undergoes a psycho-social assessment and meets with our BMT social worker who assesses their various needs including family support, financial support as well as each patient's readiness for transplant. Psychologists are an integral part of our team and are readily available when needed. Support groups are a great resource for both patients and their family members.

- **Nutrition support**

Our dedicated BMT dietician meets regularly with each patient assessing their changing nutritional needs during and after transplant, offering hands-on solutions to ensure early hospital discharge and best outcomes.

- **Physical Therapy/Occupational Therapy**

Patients may undergo neurotoxicity or deconditioning secondary to chemotherapy and require appropriate evaluation and treatment provided by our physical therapist to facilitate recovery during inpatient as well as outpatient settings.

- **Palliative care and pain team**

Our palliative care team not only assists with difficult decisions that families have to make but also help with better symptom management along with our pain team.

- **Financial guidance**

The financial coordinator at our program discusses insurance coverage as well as other needs that families have directing them to appropriate resources and help with fundraising, if applicable.



Conditions treated

- Acute Myelogenous Leukemia (AML)
- Acute Lymphoblastic Leukemia (ALL)
- Myelodysplastic Syndromes (MDS)
- Chronic myelogenous leukemia (CML)
- Chronic lymphocytic leukemia (CLL)
- Non-Hodgkin Lymphoma
- Hodgkin Lymphoma
- Germ cell tumors
- Myeloproliferative Disorders
- BCR-ABL–negative myeloproliferative neoplasms
- Myelofibrosis
- Polycythemia vera
- Juvenile myelomonocytic leukemia (JMML)
- Neuroblastoma
- Ewing family of tumors
- Medulloblastoma
- Immune Deficiency Diseases
- Severe Combined Immunodeficiency syndromes
- Wiskott-Aldrich syndrome
- Omenn syndrome
- X-linked lymphoproliferative syndrome
- Kostmann syndrome
- Inherited Metabolic Disorders
- Hurler’s syndrome
- Adrenoleukodystrophy
- Transfusion-Dependent Thalassemias
- Sickle Cell Disease
- Hemophagocytic Lymphohistiocytosis (HLH)
- Severe Aplastic Anemia and other marrow failure syndromes

Other Support Teams

- Blood Bank & Pathology
- Radiation Oncology
- Pediatric Radiology
- Hyperbaric Oxygen Therapy
- Pediatric Intensive Care Unit
- Pediatric Surgery
- Pediatric Anesthesia
- Interventional Radiology
- Pain Management
- Spiritual care





Bone Marrow Transplant Staff

Contact Us:

Bone Marrow Transplant Clinic

909-651-1939
909-651-1910

Bone Marrow Transplant Coordinator

909-558-7498
909-558-7499

Email

PedsBMT@llu.edu

Website

llu.ch.org/pediatric-bone-marrow-transplant



Loma Linda University Children's Hospital

11234 Anderson Street

Loma Linda, CA 92354

Loma Linda University Pediatrics Hematology-Oncology Clinic

250 E Caroline Street

San Bernardino, CA 92408

909-558-4000 | lomalindakids.org



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