

IMPROVING CARE FOR CHILDREN BATTLING CANCER, AND PROTECTING VISION



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WELCOME!

Lara Lebeck

Marketing & Communication Specialist



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- ✓ Use computer speakers
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- ✓ Webinar recording:
lionsclubs.org/virtual

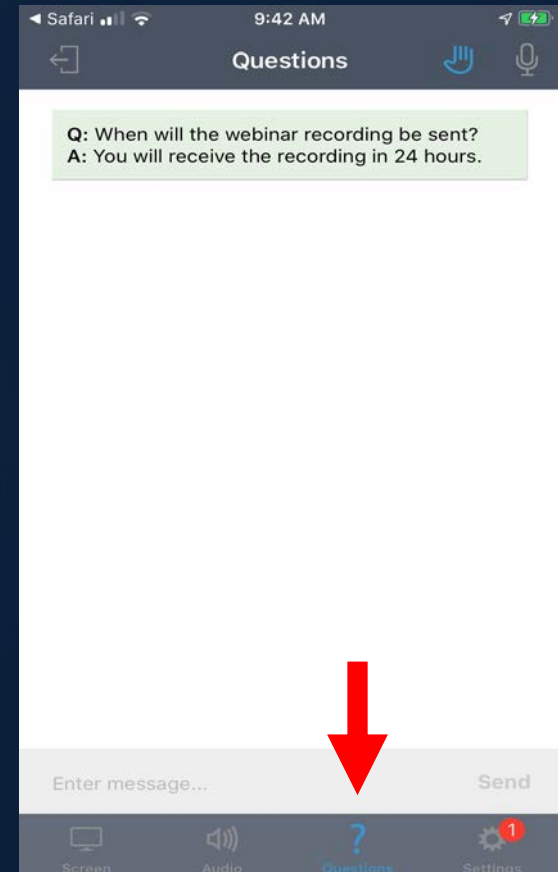
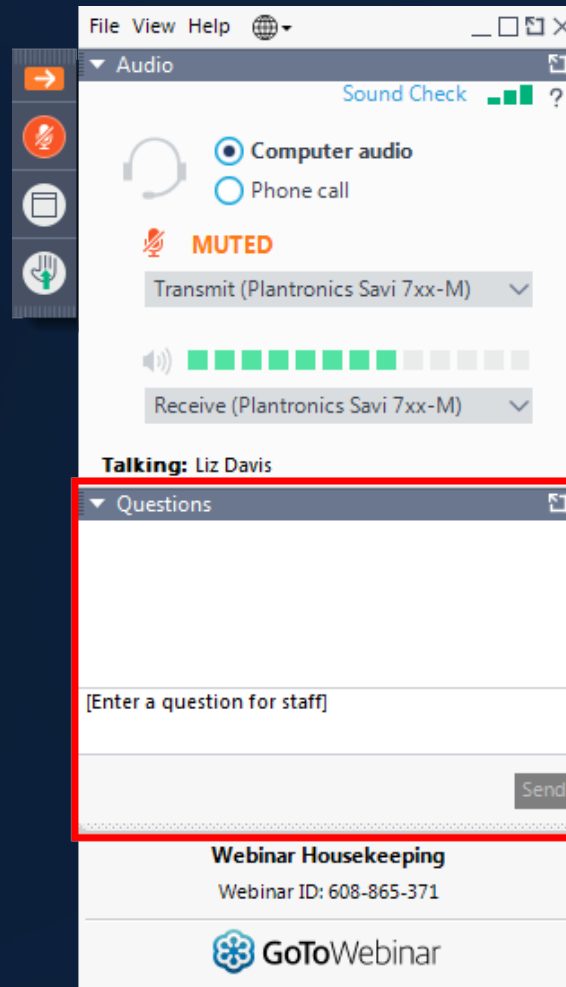


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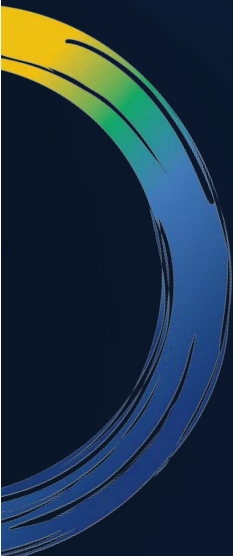


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- ✓ Take survey!



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IMPROVING CARE FOR CHILDREN BATTLING CANCER, AND PROTECTING VISION

Guðrún Yngvadóttir

Immediate Past International President
LCIF Chairperson



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Every 2 minutes, a child is diagnosed with cancer.

Source: St. Baldrick's Foundation



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CHILDHOOD CANCER

- Leading cause of death in children
- Survival rates largely depend on location
- Caught early enough, up to 80% can be cured

Source: World Health Organization



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TRANSFORMING THE FIGHT

- 300,000 children diagnosed worldwide annually
 - In low-income countries, 90% will not survive
 - Lack of access/training
- Global HOPE Partnership
 - With Texas Children's Hospital
 - US\$2 million pledge
 - Plus, in-country Lion support



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A message from the First Lady of Botswana

HER EXCELLENCY
NEO JANE MASISI



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INNOVATIVE PARTNERSHIP

Partnership includes three components:

1. Support infrastructure, strengthening projects
2. Engagement of local Lions
3. Joint fundraising



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THANK YOU, ARUNA ABHEY OSWAL TRUST

- State-of-the-art health and wellness playground
- Real-time point-of-care equipment
 - Blood chemistry analyzer, hematology analyzer



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THANK YOU, CHEVRON!

- Capacity building for pediatric oncology nurses
 - Project ECHO
- Virtual learning platform
 - Access to medical expertise on critical care of children with cancer



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Global HOPE Nursing

Marilyn Hockenberry PhD, RN, FAAN

Professor of Pediatrics

Baylor College of Medicine

Director, Global HOPE Nursing

Texas Children's Hospital



**CANCER AND
HEMATOLOGY CENTERS**

Global HOPE Nursing Graduates



Thank
You



Global HOPE Nursing Goals

Education
Clinical Excellence
Nursing Leadership
Sustainability



Nursing Education

Essentials of childhood
cancer nursing care



Global HOPE Learning Academy



Open Course: Global
HOPE Pediatric Nursing
Skills

Teacher : Marilyn Hockenberry



Open Course: Global
HOPE Pediatric Oncology
Nursing

Teacher : Marilyn Hockenberry



Open Course: Global
HOPE Chemotherapy

Teacher : Marilyn Hockenberry



Open Course: Global
HOPE Pediatric Palliative
Care Course


Teacher : Marilyn Hockenberry

Online Courses are Free to all nurses caring
for Children with Cancer and Hematology
Disorders in sub-Saharan Africa

Nursing Education at Global HOPE Sites



Global HOPE Project ECHO Nursing Seminars



Global HOPE Nursing Pediatric Oncology Project ECHO Seminars for Sub-Saharan Africa

Texas Children's Hospital Cancer and Hematology Centers' Global HOPE Nursing program invites you to join their monthly seminar series in collaboration with Project ECHO (Extension for Community Healthcare Outcomes). Using the web conferencing application ZOOM®, monthly case-based learning seminars are organized around essential nursing care issues. The objectives of these seminars are to provide an education platform for nurses caring for children with cancer; increase expertise and skills in nursing assessment and management of children with cancer; and develop a childhood cancer nursing network. *The seminars are held on the 2nd Thursday of every month at 8 am EST.*

Date: January 9, 2020
Time: 8 am EST **

Topic: Mucositis Assessment and Management in Children with Cancer

Presenters: Joan Nakabiri, Nursing Officer, Global HOPE Uganda
Dr. Marilyn Hockenberry, Director Global HOPE Nursing, Texas Children's Hospital

- Launched in October 2019
- 17 countries have participated
- Average of 36 nurses at each seminar

Countries: Belgium, Botswana, Cameroon, France, Germany, India, Kenya, Lesotho, Malawi, Nigeria, Peru, South Africa, Tanzania, Uganda, USA, Zambia, Zimbabwe

Global HOPE Clinical Nursing Excellence



Peripheral Intravenous Line

Chemotherapy Administration



Global HOPE Clinical Nursing Excellence



Oral Care

Patient
Identification

Nursing Care Standards

Global HOPE UGANDA Hematology and Oncology Nursing Observation Chart

Reason for Hospitalization _____

Frequency of Observations _____

Patient ID _____
Name: _____
DOB: _____ Age: _____

	Date:	Date:	Date:	Date:	Date:
Time (24hr)					
Temperature					
Pulse					
Respirations					
Blood Pressure					
O ₂ Saturation					
O ₂ Flow Litres					
PAWS Behavior					
PAWS Cardio					
PAWS Resp					
PAWS Score					
Pain Score					
N&V Score					
Mucositis					
PIV Check					

Paediatric Reference Vital Signs Chart

Age	Length (cm)	Weight (kg)	Pulse	Resp	BP MmHG (systolic)	BP MmHG (diastolic)
6 months	67	7	100-160	30-60	83-105	40-45
1 year	75	10	80-110	26-34	95-105	50-65
3 years	95	15	70-110	24-26	96-110	55-75
5 years	110	18	70-110	20-24	96-110	55-75

Global HOPE Nursing Assessment Tools

Paediatric Reference Vital Signs Chart

Age	Length (cm)	Weight (kg)	Pulse	Resp	BP MmHG (systolic)	BP MmHG (diastolic)
Newborn	50	3-4	100-180	40-60	60-90	40-45
6 months	67	7	100-160	30-60	83-105	40-45
1 year	75	10	80-110	26-34	95-105	50-65
3 years	95	15	70-110	24-26	96-110	55-75
5 years	110	18	70-110	20-24	96-110	55-75
6 years	115	20	65-110	20-24	97-112	65-80
8 years	127	25	65-110	20-24	97-112	65-80
>12 years	150	50	60-100	12-20	112-128	70-85

Texas Children's Hospital Pediatric Advanced Warning Score Tool (PAWS)

	0	1	2	3
Behavior	Playing/Appropriate	Irritable (consolable)	Irritable (inconsolable)	Lethargic/confused
Cardiovascular	Pink or baseline color and Cap. refill 1-2 seconds	Pale or Cap. refill 3 seconds	Pale & Cap. refill 4 seconds or Tachycardia of 20 above baseline or Diaphoresis	Grey or Mottled or Cap. refill 5 seconds or Tachycardia 30 above baseline or Bradycardia
Respiratory	RR and O ₂ sats within baseline limits and No signs of increased work of breathing	RR 10 above Baseline or Mild using accessory muscles	RR 20 above baseline or O ₂ sats 5 pts below baseline or Moderate use of accessory muscles	Slowing of RR below baseline & increased work of breathing or O ₂ sats > 5 points below baseline or Grunting or Severe Retractions

Review VS at time of scoring & repeat in 2 hours if isolated score of 3 in any category OR total score of 4 obtained. Notify MD if score remains unchanged. Review O₂ requirement & trend at time of scoring.

Wong-Baker FACES Pain Rating Scale, www.WongBakerFACES.org



Mucositis

0 = None
1 = Erythema, soreness
2 = Pain, ulcers, can swallow
3 = Ulcers, erythema, cannot swallow food, severe pain
4 = all above + cannot drink

Nausea and Vomiting

0 = No Nausea/vomiting
1 = Mild nausea
2 = Moderate/retching
3 = Severe/vomiting

Touch, Look, Compare (TLC)

TOUCH • LOOK • COMPARE to prevent harm

For the child's safety the IV will be checked at least every hour when medication or fluids are running through it, day and night and at change of shift, even if they are asleep.

TOUCH

TOUCH HOURLY -
IV site should feel:
• Soft
• Warm
• Pain free
• Dry to touch

LOOK

LOOK HOURLY -
IV site should be:
• Uncovered
• Dry
• Visible

COMPARE

COMPARE HOURLY -
IV site should be:
• Without swelling
• Same size as the other side

Remember: If IV lines are not checked: • Baseline • Safe • Bloodstream • Medication or fluids



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Global HOPE Nursing Leadership Program

- Two-year nursing program
- Six Global HOPE nurses
- Future of pediatric oncology nursing in SSA



Childhood Cancer Nursing Experts - Sustainability

- Education Network
- Ongoing Education Opportunities
- Advanced Education for Future Nurse Leaders




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CANCER AND
HEMATOLOGY CENTERS

How Local Lions Can Help Global HOPE

- Create awareness for free online courses
- Help to connect with:
 - Pediatric nurses
 - Schools of nursing
 - Institutions that care for children

<https://txchgloalhope.moodle.school/login/index.php>



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HEMATOLOGY CENTERS



CONNECTING CANCER AND VISION



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RETINOBLASTOMA

- 9,000-10,000 cases per year
- Highly curable in children
- **Early detection is KEY!**



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RETINOBLASTOMA

Dr. Murali M. Chintagumpala

Co-Director, Brain Tumor Program, Global HOPE
Co-Director, Retinoblastoma Program, Global HOPE
Professor, Department of Pediatrics, Section of
Hematology/Oncology, Baylor College of Medicine



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CONNECTING SERVICE WITH YOUR FOUNDATION

Beth Smith

Program Specialist
LCIF New & Emerging Initiatives



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GENERAL CRITERIA



DOES FUND

- Construction, expansion, renovation of waiting rooms
- Construction, expansion, renovation of rooms or houses where families can stay while child receives treatment
- Projects to improve transportation to and from medical appointments



DOES NOT FUND

- Scientific research
- Medical equipment
- Individual treatment costs



IMPROVING CARE FOR CHILDREN BATTLING CANCER

Tsetsegsaikhan Batmunkh,
MD, MPH/MPH, PhD

Khangai Lions Club, Mongolia
Bodhi Lions Club, Mongolia



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CHILDHOOD CANCER IN MONGOLIA

- Children aged 0-14 account for 30% of the population in Mongolia
- Childhood cancer is one of the neglected diseases among children in Mongolia
- The number of cancers among children is rising year by year
- The estimated rate of childhood cancer diagnosed annually in Mongolia is 10.5 children per 100,000; however, the accuracy of this estimation is unreliable
- Annually, approximately 120 children are diagnosed with cancer in Mongolia
- Of these, 30% are leukemia, 10% cancer of CNS, 9% non-Hodgkins lymphoma, 8% bone, 5.7% liver, and 37% other types of cancer

CHILDHOOD CANCER SITUATION

- Late diagnosis of children with cancer in Mongolia is related with lack of understanding and knowledge about childhood cancer, symptoms and early signs of cancer among parents, and community
- There was no available transport for children with cancer
- Absence of available literature, website dedicated for patients with cancer in Mongolian language



TRANSPORTATION PROJECT FOR CHILDREN WITH CANCER

- LCIF Grant on Childhood cancer – US\$23,073
 - US\$17,273 from LCIF
 - US\$5,800 from Khangai and Bodhi Lions Clubs, National Cancer Council
- Procurement of the new vehicle
- Launching of the project – November 2020



TRANSPORTATION PROJECT FOR CHILDREN WITH CANCER

Started 1 January 2021





Хавдарын Үндэсний Зөвлөл
Найгамд үлчилж ТББ



ХАВДАРТАЙ ХҮҮХДҮҮДЭД ЗОРИУЛСАН ДУУДЛАГЫН АВТОМАШИН

- **Хамрах хүрээ:** Хавдартай хүүхэд, тэдгээрийн асран хамгаалагч нарыг эмнэлэг болон хотод байрлаж буй газарт нь **үнэ төлбөргүй** хүргэнэ.
- **Үйлчлэх бүс:** Сонгино хайрхан дүүрэг, 29 дүгээр хороо, Драгон төвөөс Баянзүрх дүүрэг, 8 хороо, Баянзүрх зорчигч тээврийн төв хооронд
- **Давтамж:** Нэг хүн 7 хоногт хоёроос илүүгүй удаа, хоногт хоёроос илүүгүй цаг үнэгүй ашиглах эрхтэй.
- **Үйлчлэх цаг:** 08.00 – 17.00
- **Дуудлагын утас:** **99137075**, нэгээс доошгүй хоногийн өмнө утсаар захиална. Хэрэв дуудлага цуцлахаар бол дор хаяж 1 цагийн өмнө залгаж мэдэгдэнэ.



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EDUCATIONAL MATERIALS ON CHILDHOOD CANCER

- Agreement with St. Jude Children's Research Center on translation of web site; together, dedicated for families of children affected with cancer signed
- Online questionnaire on assessment of needs on information about childhood cancer translated and conducted in Mongolian language

Хүүхдийн хорт хавдрын талаархи мэдээллийг хаанаас олж, ашигладаг талаар хийж буй судалгаанд таныг урьж байна. Энэхүү судалгааны үр дүн нь тухайн өвчтөн хаана эмчлүүлж байгаагаас үл хамааран өвчтөн, тэдний гэр бүлд зориулсан хүүхдийн хорт хавдрын талаархи үнэгүй онлайн эх сурвалж болох "Хамтдаа" вэбсайтыг сайжруулахад туслах болно.

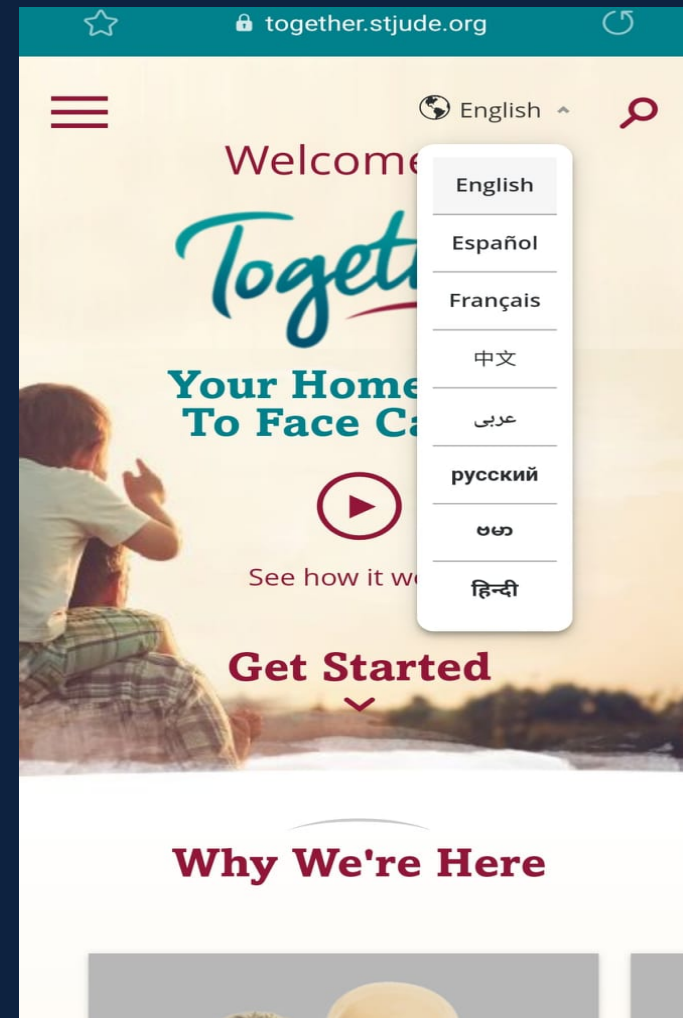
Энэхүү судалгааг Гэгээн Жүүдийн хүүхдийн судалгааны эмнэлэг явуулж байна. Онлайн судалгааг бөглөхөд 10 хүрэхгүй минутын хугацаа зарцуулах болно. Хүүхдийн хорт хавдрын талаархи мэдээлэл, мэдээллийн эх үүсвэрийг хаанаас хайж байсан талаар танаас хэдэн



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EDUCATIONAL MATERIALS ON CHILDHOOD CANCER

- Together, website translated in 7 languages; Mongolian translation underway
- Will be scientific, reliable information source for parents of children with cancer





CONNECTING SERVICE WITH YOUR FOUNDATION



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GRANTS SUPPORTING CHILDHOOD CANCER

**CHILDHOOD
CANCER
PILOT
GRANT**

**MATCHING
GRANT**

**LEO
SERVICE
GRANT**

**DISTRICT &
CLUB
COMMUNITY
IMPACT
GRANT**



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CHILDHOOD CANCER GRANT

Upgrade recreation facilities

US\$20,400 // Illinois, USA

- Purchase customized playhouse, sensory wall, activity boards
- PDG Holland implemented project after seeing clinic's needs firsthand

Learn more February 15! Register at lionsclubs.org/virtual



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QUESTIONS



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THANK YOU!



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