

### To Our Neighbors:

This is our semi-annual report to the community summarizing emergency medical helicopter landings at Seattle Children's Hospital.

The Medical Review Committee meets twice a year to review all emergency medical landings at Children's Emergency Department. This committee includes two representatives from neighborhoods surrounding Children's, a representative from the City of Seattle Department of Neighborhoods, a representative of Seattle-King County Department of Public Health, two physicians independent of Children's and key medical and nursing leadership from Children's.

In addition, an internal medical review team comprised of medical leadership and the nursing transport team from Children's and Airlift Northwest meet bi-monthly and review all landings on an ongoing basis.

The committees continue to find that the overwhelming majority of these emergency medical landings are limited to critically ill patients for whom immediate pediatric care or intervention is indicated. We continue to evaluate each situation to determine whether a safe alternative to the landing at Children's is available.

Landings at the helistop at Children's must meet established medical criteria and only occur for our most critically ill patients. Any one of the following conditions qualifies for a landing at Children's helistop:

- *inability to maintain oxygenation or airway*
- *inability to maintain adequate cardiac circulation*
- *inability to maintain adequate blood pressure or*
- *persistence of unstable vital signs.*

  
**Seattle Children's**  
HOSPITAL · RESEARCH · FOUNDATION  
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## A Summary of Flight Activity January to June 2014

### A Report to the Community About Emergency Medical Helicopter Landings at Seattle Children's Hospital

As a neighbor of Children's you may be interested to learn more about the life saving emergency medical services the Hospital provides to children in our region.

The following information summarizes the use of the Helistop at Children's and describes the medical needs of children served by emergency landings.

**These landing reports are now available online at:**  
<http://construction.seattlechildrens.org/helicopter-landing-reports/>

If you have any comments or questions, please call:  
Suzanne Petersen Tanneberg  
Chief of Staff to CEO  
Vice President, External Affairs & Guest Services  
(206) 987-2125

You may also write to her at Seattle Children's Hospital,  
PO Box 5371, Mailstop RB.2.419, Seattle, WA 98105-0371



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# Patients Transported by Airlift Northwest to Seattle Children's Helistop: January to June 2014

## Diagnoses requiring landing during this period:

- **Acute Abdomen** – Concern for a serious intra-abdominal process that may require emergent stabilization and surgical evaluation/intervention.
- **Cardiac Dysrhythmia** – An abnormal heart rhythm that may require urgent stabilization and resuscitation,
- **Ingestion** – Consuming a large amount of medicine or any substance; this can be accidental or intentional.
- **Cardiopulmonary Arrest** – Respiratory failure progressing to cardiac arrest.
- **Diabetic Ketoacidosis (DKA)** – An abnormal build-up of sugar and acids in the blood resulting in a decreased level of consciousness.
- **Drowning** – Water submersion potentially resulting in cardiopulmonary arrest.
- **Respiratory Distress** – Increased breathing difficulty that does not respond to oxygen therapy.
- **Respiratory Failure** – Failure to adequately exchange oxygen and/or carbon dioxide.
- **Seizures** – Physical manifestations (convulsions, sensory disturbances, or loss of consciousness) resulting from abnormal electrical discharges in the brain.
- **Status Epilepticus** – Convulsions or seizures that cannot be controlled with medications.
- **Suspected Meningitis/Large Otopharyngeal Abscess** – Serious, life threatening infections.

Helicopter Landings at Seattle Children's			
Date	↓Landing at SCH	↑Departure from SCH	Transported from
January			
1/9/2014	4:27 AM	5:54 AM	Port Angeles
1/29/2014	7:19 PM	8:28 PM	Bremerton
February			
2/5/2014	7:27 PM	8:09 PM	Covington
2/5/2014	6:33 AM	7:12 AM	Wenatchee
2/7/2014	12:54 AM	1:50 AM	Tacoma
2/10/2014	10:56 PM	11:02 PM	Port Angeles
2/10/2014	11:04 PM	11:57 PM	Port Townsend
2/12/2014	3:04 PM	3:58 PM	Bellingham
2/12/2014	3:21 AM	4:28 AM	Anacortes
2/20/2014	3:14 PM	3:47 PM	Port Angeles
2/25/2014	8:19 PM	9:24 PM	Bremerton
2/28/2014	9:08 PM	9:53 PM	Skagit Valley
March			
3/1/2014	1:45 PM	2:10 PM	Port Angeles
3/6/2014	4:04 AM	4:47 AM	Bellingham
3/9/2014	6:52 AM	7:35 AM	Skagit Valley
3/9/2014	6:54 PM	7:19 PM	Port Townsend
3/11/2014	11:57 AM	12:48 PM	Skagit Valley
3/19/2014	3:30 PM	4:20 PM	Bremerton
3/24/2014	6:36 PM	7:13 PM	Friday Harbor
3/26/2014	9:07 PM	9:48 PM	Centralia
April			
4/1/2014	12:02 AM	12:55 AM	Yakima
4/3/2014	5:19 AM	6:48 AM	Bellingham
4/4/2014	5:41 AM	6:42 AM	Anacortes
4/4/2014	7:12 AM	8:00 AM	Skagit Valley
4/5/2014	6:13 PM	7:13 PM	Puyallup
4/6/2014	4:02 AM	5:04 AM	Sedro Woolley
4/11/2014	11:48 PM	12:25 AM	Tonasket
4/17/2014	6:27 PM	7:17 PM	Bremerton
4/26/2014	1:21 AM	2:04 AM	Bellingham
4/27/2014	7:16 PM	8:03 PM	Skagit Valley
May			
5/5/2014	12:03 AM	12:39 AM	Bellingham
5/6/2014	6:46 PM	7:45 PM	Skagit Valley
5/7/2014	1:48 PM	2:23 PM	Bellingham
5/14/2014	4:14 PM	4:50 PM	Skagit Valley
5/17/2014	11:02 PM	11:39 PM	Whidby Island
5/18/2014	12:59 PM	1:48 PM	Bellingham
5/18/2014	7:59 PM	8:11 PM	Bellingham
5/18/2014	8:11 PM	9:14 PM	Bellingham
5/23/2014	9:38 AM	10:47 AM	Everett
5/29/2014	5:06 PM	5:58 PM	Whidby Island
5/31/2014	9:03 AM	9:38 AM	Anacortes
June			
6/7/2014	8:10 PM	9:19 PM	Bremerton
6/8/2014	12:50 PM	1:46 PM	Port Angeles
6/9/2014	5:56 PM	6:13 PM	Boeing field
6/9/2014	6:11 PM	7:28 PM	Bellingham
6/25/2014	2:25 PM	3:35 PM	Skagit Valley
6/28/2014	2:39 AM	3:21 AM	Bellingham
Helicopter Transfers From Seattle Children's			
Date	↓Landing for Transfer Pick-up	↑Departure for Transfer	Transported from
1/14/2014	6:49 PM	7:38 PM	SCH to Harborview

Ages of Patients January - June 2014	
5	Newborn - 1 Month
10	Infant (1 month-1 Year)
10	Toddler (1-3)
13	School Age (4-11)
10	Adolescent (12-18)
0	Organ Transplant
48	Total
# of Cases	Outcomes
0	Discharged (DC) from ED
7	DC Less than 48 hrs
24	DC 48 hrs to 7 days
11	DC 7-30 days
2	DC 31 days or more
1	Transported from SCH
3	Died
0	Organ Transplant
0	Hospitalization Ongoing
48	Total

Helicopter Landings - Both Sites  
(January - June 3-Year Comparison)

