

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 routinely 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 critically ill patients. For example, any one of the following conditions would qualify for landing at Children's helistop:

- *inability to maintain oxygenation or airway*
- *inability to maintain adequate cardiac circulation*
- *inability to maintain adequate blood pressure*



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A Summary of Flight Activity January to June 2016

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:
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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



Seattle Children's
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Patients Transported by Airlift Northwest to Seattle Children's Helistop: January to June 2016

Diagnoses requiring landing during this period:

- **Altered Level of Consciousness** - Any measure of arousal other than normal. Level of consciousness (LOC) is a measurement of a person's arousability and responsiveness to stimuli from the environment.
- **Anaphylaxis** – A severe, rapid onset, whole-body response to an allergen.
- **Appendicitis** – Inflammation of the appendix, a 3 1/2-inch-long tube of tissue that extends from the large intestine.
- **Arrhythmia** – A condition in which the heart beats with an irregular or abnormal rhythm.
- **Ascending Paralysis** – Paralysis having a rapid course, beginning in the legs and progressively involving the trunk, arms, and neck.
- **Bowel Obstruction** – A potentially serious condition where the intestines are blocked.
- **Bronchiolitis** – Common lung infection in young children and infants. It causes inflammation and congestion in the small airways (bronchioles) of the lung.
- **Cyanosis** - Bluish discoloration of the skin resulting from poor circulation or inadequate oxygenation of the blood.
- **Diabetic Ketoacidosis (DKA)** – An abnormal build-up of sugar and acids in the blood resulting in a decreased level of consciousness.
- **Epiglottitis**– Severe, acute inflammation of the soft tissues surrounding the vocal cords including the epiglottis.
- **Hemoptysis** – Coughing up of blood or bloody sputum from the lungs or airway.
- **Ingestion** – Consuming a large amount of medicine or any substance; this can be accidental or intentional.
- **Intussusception** – The inversion of one portion of the intestine within another.
- **Meconium Aspiration**- Neonatal pneumonia due to inhalation of birth fluid containing meconium.
- **Respiratory Distress** - Increased breathing difficulty.
- **Seizure** – 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 fully controlled with medications.

Helicopter Landings at Seattle Children's			
Date	↓ Landing at SCH	↑ Departure from SCH	Transported from
January			
1/1/2016	6:37 PM	9:26 PM	Clallam
1/6/2016	11:09 AM	11:53 AM	Whatcom
1/14/2016	11:04 PM	1:07 AM	Whatcom
1/17/2016	3:18 PM	3:48 PM	Clallam
1/18/2016	1:55 PM	2:47 PM	Skagit
1/28/2016	7:27 PM	8:00 PM	Snohomish
February			
2/7/2016	2:30 AM	3:08 AM	Grays Harbor
2/12/2016	11:05 AM	12:01 PM	Thurston
2/12/2016	4:27 PM	4:42 PM	San Juan
2/16/2016	3:29 PM	4:16 PM	San Juan
2/19/2016	8:06 PM	8:40 PM	Grays Harbor
2/21/2016	5:11 AM	5:53 AM	Clallam
2/23/2016	3:11 AM	3:46 AM	San Juan
2/28/2016	4:26 AM	5:16 AM	Snohomish
March			
3/3/2016	10:07 AM	10:33 AM	Clallam
3/3/2016	11:09 AM	11:57 AM	San Juan
3/13/2016	12:29 PM	1:06 PM	San Juan
3/14/2016	8:51 PM	9:40 PM	Pierce
3/15/2016	12:40 PM	1:30 PM	Clallam
3/18/2016	5:14 PM	5:51 PM	Snohomish
3/20/2016	12:08 PM	1:08 PM	Clallam
3/21/2016	1:24 AM	1:56 AM	Island
3/23/2016	11:30 PM	12:01 AM	San Juan
3/24/2016	2:59 PM	3:43 PM	Pierce
3/24/2016	3:57 PM	4:29 PM	Skagit
3/28/2016	10:38 AM	11:22 AM	San Juan
April			
4/3/2016	11:58 AM	12:35 PM	Chelan
4/7/2016	6:24 PM	7:05 PM	Thurston
4/23/2016	1:41 PM	2:20 PM	Whatcom
4/25/2016	8:32 PM	9:05 PM	Jefferson
4/30/2016	5:22 PM	6:30 PM	Skagit
May			
5/3/2016	8:06 AM	8:49 AM	Thurston
5/5/2016	2:55 AM	3:38 AM	San Juan
5/17/2016	12:08 PM	1:08 PM	Skagit
5/19/2016	10:33 PM	11:32 PM	Skagit
5/19/2016	8:10 PM	8:30 PM	Clallam
5/23/2016	9:02 PM	9:36 PM	Yakima
5/24/2016	2:50 AM	3:41 AM	Skagit
5/25/2016	6:29 PM	7:14 PM	Yakima
5/25/2016	9:26 PM	10:09 PM	Kittitas
5/26/2016	3:50 PM	4:38 PM	Skagit
5/28/2016	7:44 PM	7:56 PM	San Juan
June			
6/6/2016	2:21 AM	2:33 AM	Whatcom
6/16/2016	8:36 PM	9:29 PM	Kitsap
6/16/2016	2:15 AM	3:15 AM	Thurston
6/17/2016	2:15 AM	3:15 AM	San Juan
6/17/2016	7:50 PM	8:06 PM	Pierce
6/23/2016	10:18 PM	11:02 PM	Skagit

Ages of Patients January - June 2016	
8	Newborn - 1 Month
10	Infant (1 Month - 1 Year)
10	Toddler (1 - 3 Years)
9	School Age (4 - 11 Years)
12	Adolescent (12 - 18 Years)
49	Total
# of Cases	Outcomes
3	Discharged from ED
11	D/C less than 48 Hrs
17	D/C 48 hrs to 7 days
12	D/C 7-30 days
4	D/C 31 days or more
1	Died
1	Hospitalization ongoing
49	Total

