

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 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 2017

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 over a six month period.

These landing reports are 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 2017

Diagnoses requiring landing during this period

- **Anoxia/Asphyxia** - Deprivation of oxygen for a period of time causing failure to sustain normal physiologic responses and leading to brain and other organ damage
- **Aspiration** - Foreign matter inhaled into the lungs resulting in a partial or complete airway blockage.
- **Cardiopulmonary Arrest** - Respiratory failure progressing to cardiac arrest.
- **Congenital Heart Defect** - An abnormality in heart structure.
- **Epiglottitis** - Severe, acute inflammation of the soft tissues surrounding the vocal cords, including the epiglottis.
- **Hypoxic Ischemic Encephalopathy** - A lack of oxygen to the brain of such severity to potentially result in permanent damage.
- **Ingestion (medicine or other)** - Consuming a large amount of medicine or any substance; this can be accidental or intentional.
- **Drowning/Near Drowning** - Water submersion potentially resulting in cardiopulmonary arrest.
- **Respiratory Distress** - Breathing difficulty that doesn't respond to oxygen therapy.
- **Respiratory Syncytial Virus (RSV)** - A respiratory virus that infects the lungs and breathing passages.
- **Seizures** - Physical manifestations (convulsions, sensory disturbances, or loss of consciousness) resulting from abnormal electrical discharges in the brain.
- **Sepsis** - A life threatening systemic response to infection.
- **Supraventricular Tachycardia (SVT)** - A heart rhythm disorder which causes the heart to beat much faster than normal.

Helicopter Landings at Seattle Children's		
Date of Landing	Landing time at SCH	Departure time from SCH
JANUARY		
1/7/17	8:35 PM	9:44 PM
1/7/17	10:30 PM	11:31 PM
1/8/17	3:44 AM	4:51 AM
1/9/17	2:48 PM	4:03 PM
1/10/17	10:02 PM	10:42 PM
1/15/17	2:27 PM	3:23 PM
1/20/17	12:56 AM	1:39 AM
1/29/17	12:18 AM	1:28 AM
FEBRUARY		
2/2/17	7:02 PM	7:29 PM
2/9/17	7:23 AM	9:10 AM
2/9/17	5:32 PM	6:07 PM
2/20/17	4:00 AM	6:07 AM
2/23/17	9:25 PM	10:25 PM
2/25/17	10:00 AM	10:55 AM
2/25/17	1:01 PM	1:46 PM
MARCH		
3/1/17	9:00 PM	9:30 PM
3/4/17	8:37 PM	9:17 PM
3/14/17	11:15 PM	11:58 PM
3/17/17	4:05 PM	4:37 PM
3/20/17	9:30 AM	10:30 AM
3/31/17	9:46 AM	10:29 AM

Helicopter Landings at Seattle Children's		
Date of Landing	Landing time at SCH	Departure time from SCH
APRIL		
4/2/17	12:23 PM	1:53 PM
4/6/17	8:50 PM	9:20 PM
4/7/17	11:42 PM	12:45 AM
4/7/17	11:52 AM	1:25 PM
4/12/17	6:47 PM	7:30 PM
4/13/17	7:30 PM	7:55 PM
4/15/17	10:48 PM	11:56 PM
4/16/17	11:47 AM	12:33 PM
4/17/17	3:13 AM	4:11 AM
4/20/17	6:33 PM	7:10 PM
4/22/17	12:42 PM	1:35 PM
4/25/17	2:47 AM	3:30 AM
4/26/17	6:15 PM	6:57 PM
4/27/17	10:19 PM	11:11 PM
4/29/17	7:04 PM	7:13 PM
MAY		
5/2/17	2:48 PM	3:41 PM
5/3/17	1:38 PM	2:36 PM
5/7/17	6:15 PM	6:46 PM
5/21/17	11:20 AM	12:02 PM
5/24/17	11:31 AM	12:00 PM
5/28/17	9:32 AM	10:40 AM
5/29/17	5:45 PM	6:56 PM
5/30/17	1:45 AM	2:20 AM
JUNE		
6/1/17	7:52 PM	8:37 PM
6/6/17	9:54 AM	10:51 AM
6/9/17	6:21 AM	7:17 AM
6/9/17	8:31 PM	9:50 PM
6/13/17	2:30 AM	3:30 AM
6/14/17	2:11 PM	3:06 PM
6/21/17	1:46 AM	2:33 AM
6/27/17	11:43 PM	12:44 AM
6/30/17	6:54 PM	7:22 PM

Ages of Patients: January - June 2017	
14	Newborn - 1 Month
15	Infant (1 month - 1 year)
12	Toddler (1 - 3 years)
6	School Age (4 - 11 years)
6	Adolescent (12 - 18 years)
53	Total
# of Cases	Outcomes
0	Discharged (DC) from ED
16	DC less than 48 hours
14	DC 48 hours to 7 days
15	DC 7 - 30 days
1	DC 31 days or more
4	Died
3	Hospitalization ongoing
53	Total

