

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, including 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 Seattle Children's Transport Medicine and Airlift Northwest leadership meets routinely to review all landings.

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

- *inability to maintain oxygenation or airway ventilation*
- *inability to maintain adequate blood circulation*
- *inability to maintain adequate blood pressure*
- *inability to maintain adequate brain function*
- *cardiorespiratory arrest*



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A Summary of Flight Activity January to June 2015

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,
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Seattle Children's
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Patients Transported by Airlift Northwest to Seattle Children's Helistop: January to June 2015

Diagnoses requiring landing during this period:

- **Cardiopulmonary Arrest** – Usually involves respiratory failure that progresses to cardiac arrest
- **Poisoning by Drug Overdose**
- **Respiratory Failure** - Failure to adequately exchange oxygen and/or carbon dioxide
- **Respiratory Distress** - Increased breathing difficulty
- **Diabetic Ketoacidosis (DKA)** - An abnormal build-up of sugar and acids in the blood resulting in a decreased level of consciousness
- **Status Epilepticus** - Convulsions (seizures) that may be difficult to control with medications
- **Liver Failure** – Deterioration of liver function that carries a high mortality rate
- **Sepsis** - A life threatening systemic response to infection
- **Supraventricular Tachycardia** - A heart rhythm where the heart beats much faster than normal
- **Meconium Aspiration** - Neonatal pneumonia due to inhalation of birth fluid containing mucous and bile
- **Total anomalous pulmonary venous return (TAPVR)** - Congenital malformation in which all four pulmonary veins do not connect normally to the heart
- **Epiglottitis** - Severe, acute inflammation/infection of the epiglottis
- **Hyperbilirubemia** – Potentially toxic levels of bilirubin in the blood
- **Drowning** - Water submersion potentially resulting in cardiopulmonary arrest
- **Suspected Meningitis** - Life threatening infection of the spinal fluid
- **Bowel obstruction** – A partial or complete blockage of the intestines

Helicopter Landings at Seattle Children's			
Date	Landing at SCH	Departure from SCH	Transported from
January			
1/1/2015	7:57 PM	9:29 PM	Thurston
1/14/2015	11:25 PM	12:14 AM	Thurston
1/15/2015	2:30 AM	3:06 AM	Yakima
1/17/2015	5:25 PM	6:22 PM	Skagit
1/21/2015	3:33 AM	4:11 AM	Clallam
1/28/2015	4:03 AM	4:41 AM	Whatcom
1/30/2015	1:37 PM	2:55 PM	Whatcom
February			
2/1/2015	11:36 AM	11:47 AM	Skagit
2/5/2015	6:12 PM	7:04 PM	Whidbey
2/5/2015	9:49 PM	11:11 PM	Whatcom
2/7/2015	12:07 AM	1:23 AM	Whidbey
2/10/2015	12:15 PM	12:52 PM	Skagit
2/11/2015	5:25 PM	6:19 PM	Whatcom
2/12/2015	0:36 AM	1:08 AM	Kitsap
2/19/2015	2:51 PM	3:50 PM	Skagit
March			
3/3/2015	1:46 AM	2:41 AM	Lewis
3/4/2015	6:22 PM	7:11 PM	Pierce
3/7/2015	0:29 AM	1:13 AM	Yakima
3/11/2015	9:08 PM	9:47 PM	Lewis
3/14/2015	10:51 PM	11:36 PM	Whatcom
3/16/2015	8:45 AM	9:46 AM	Clallam
3/18/2015	4:30 PM	5:00 PM	King
3/18/2015	6:01 PM	6:41 PM	Kitsap
3/22/2015	12:34 PM	1:16 PM	Kitsap
3/30/2015	2:12 AM	3:11 AM	Whatcom
3/31/2015	7:42 PM	8:02 PM	Grays Harbor
3/31/2015	8:34 PM	9:09 PM	Skagit
April			
4/1/2015	9:22 AM	10:09 AM	Skagit
4/1/2015	2:33 PM	3:19 PM	Thurston
4/13/2015	6:45 AM	7:02 AM	Skagit
4/20/2015	7:08 AM	7:27 AM	Whatcom
4/21/2015	2:15 AM	2:55 AM	Snohomish
4/22/2015	2:14 PM	3:10 PM	Jefferson
4/23/2015	10:46 AM	11:57 AM	Kitsap
4/27/2015	5:31 PM	6:15 PM	Clallam
May			
5/2/2015	12:49 PM	2:03 PM	Clallam
5/4/2015	1:43 PM	2:47 PM	Skagit
5/6/2015	2:57 PM	3:55 PM	Clallam
5/9/2015	7:07 PM	7:53 PM	Snohomish
5/17/2015	11:33 PM	12:22 AM	Skagit
5/19/2015	4:15 AM	5:15 AM	Whatcom
5/30/2015	11:44 PM	12:38 AM	Lewis
June			
6/2/2015	3:57 PM	4:54 PM	Skagit
6/3/2015	6:56 PM	7:36 PM	King
6/5/2015	5:41 PM	6:19 PM	King
6/8/2015	11:52 PM	0:55 AM	Pierce
6/9/2015	1:54 PM	3:34 PM	Clallam
6/13/2015	3:20 PM	4:22 PM	Snohomish
6/14/2015	11:19 AM	12:12 PM	Chelan
6/16/2015	1:03 AM	1:48 AM	Skagit
6/22/2015	7:29 PM	8:10 PM	Jefferson
6/26/2015	10:24 PM	11:24 PM	Snohomish
6/28/2015	7:22 AM	8:08 AM	Grays Harbor
6/29/2015	2:35 PM	3:37 PM	Thurston

Ages of Patients January - June 2015	
9	Newborn - 1 Month
11	Infant (1 month-1 Year)
12	Toddler (1-3)
8	School Age (4-11)
14	Adolescent (12-18)
0	Organ Transplant
54	Total
# of Cases	Outcomes
2	Discharged (DC) from ED
11	DC Less than 48 hrs
22	DC 48 hrs to 7 days
16	DC 7-30 days
0	DC 31 days or more
0	Transported from SCH
3	Died
0	Organ Transplant
0	Hospitalization Ongoing
54	Total

