UCSF Medical Center at Mission Bay
- Community Meeting

May 13, 2015
Agenda

1. Introductions & Agenda Overview
2. Welcome to the UCSF Medical Center at Mission Bay
3. Helipad Operations
4. Residential Sound Reduction Program (RSRP) for Helicopter Operations
5. Community Involvement & Neighbor Feedback
6. Discussion
7. Next Steps
Welcome to UCSF Medical Center at Mission Bay
– Kim Scurr, Executive Director
UCSF Medical Center at Mission Bay

- The UCSF Medical Center at Mission Bay is a state-of-the-art, sustainable six-story 289-bed children’s, women’s specialty, and cancer hospital complex
- $1.5 billion, 878,000 gsf, two-city-block-long project
- 60,000 sq ft of accessible roof gardens
- San Francisco’s first new hospitals in 30 years
- The only hospital in San Francisco that has a rooftop helipad
- LEED Gold Certified
- Opened February 1st, 2015
Creating the Patient Experience
UCSF Medical Center at Mission Bay

UCSF Benioff Children’s Hospital
183 Beds
Pediatric Care
Urgent/Emergency Care
Specialty Outpatient Care

Women’s Specialty Hospital
36 bed birthing center
Select women’s ambulatory services
Specialty Surgery

Medical Building
Helipad
Energy Center (central plant)
Parking

Cancer Hospital
70 beds
First step to full cancer services at Mission Bay
Select adult cancer outpatient services

UCSF Medical Center
UCSF Benioff Children’s Hospitals
UCSF Benioff Children's Hospital San Francisco

- CY 2014: 9,479 inpatient admissions; 79,272 outpatient visits
- 150 pediatric sub specialists practicing in more than 50 areas of medicine
- 183 beds are dedicated to children
- 36 beds of high risk Obstetrics
- Pioneers in Neonatology/Fetal Treatment
Why Children need Children's Hospitals--

Children are not little adults. They require extra time, extra monitoring, specialized medications and caregivers with the skills to understand the needs of children.

- Clinical Care - While children’s hospitals represent <5% of all hospitals, they account for more than 40% of inpatient days and over 50% of costs for all children hospitalized in the US. BCH treats over 90% of children needing heart, lung or other transplant or cardiac surgery. Challenge: reimbursement in a country where 40% of children are low income.

- Research - NIH funded Pediatric Grants have led to landmark discoveries. Challenge: Not a strong financial incentive to invest in children’s healthcare and shrinking research dollars.
Why Children need Children's Hospitals--

Children are not little adults. They require extra time, extra monitoring, specialized medications and caregivers with the skills to understand the needs of children.

- Education - Children’s hospitals train pediatricians and subspecialists who care for children. Families as teachers. Challenge: Teaching hospitals can no longer charge more for care

- Advocacy - Injury prevention programs like bike helmets, safe toy choices, immunization programs and child abuse services
Child life specialists and a bubble wand entertain Sarah, age 5, while the 24-hour video EEG monitoring equipment identifies where her seizures originate.
Lydia’s Road to Recovery . . .
Lydia Today
Helipad Operations
Key Helipad Facts

- The helipad provides more immediate access for the most critically ill children and for women with serious pregnancy complications.

- Patients are transported from other hospitals, which are not able to provide the resources, level of care, and numbers of pediatric specialists available at UCSF Benioff Children’s Hospital San Francisco.

- Helicopter transport/admission must first be approved by a UCSF physician.

- Hovering is not a part of a routine helipad landing — unlike news and traffic helicopters.

- Approximately 40 transports were projected per month, but we are currently averaging 30 flights per month.
UCSF Mission Bay Campus

- Located helipad at northern-most medical building away from campus perimeter
- Placed elevator shaft south of the landing pad to deflect sound away from nearest housing
Helicopter Flight Paths

Primary flight path
- over San Francisco Bay to extent possible
- away from residences

Flight path may be altered by pilot based on weather conditions
Community Context

- **Questions or concerns:**
  - (415) 476-4100
  - childrens-helipad@ucsf.edu

- **UCSF Advisory Committee on Helicopter Transports**
  - Address any outstanding UCSF helicopter noise issues or concerns
  - Will meet quarterly
  - Neighborhood representation – Mission Bay (north), Lower Potrero (west) and Dogpatch (south)
  - Staff – Transport Team, Campus Planning, and Community & Government Relations
Inter-facility* Transports to Date

-- Helicopter and Ground Transports

- Helicopter Transports to Mission Bay: 88
  - 11 pm – 7 am: 16
- Ground Transports: 215

* Inter-facility - transfers from other hospitals for specialty care at UCSF
UCSF Residential Sound Reduction Program (RSRP) For Helicopter Operations
UCSF RSRP

- Goal is to reduce noise level from UCSF helicopters in interior sleeping areas of qualifying properties
- Keeping neighbors informed - November 18, 2014 Helipad Community Meeting
UCSF RSRP

--- Next Steps

- During the start-up period (extended to 12 weeks), UCSF measuring noise from helicopter operations for two weeks -- April 22 – May 5
- Sound consultant determined when we acquired enough data for validation of sound model
- Sound data collected in five locations
- The 95 dB SENEL (single-event) RSRP noise contour will be redrawn to reflect the noise environment as measured (contour might not extend into residential areas)
- We will notify neighbors of the results in June
Sound Analysis
- April 22 - May 5, 2015

- All helicopter transports
- Measured outside noise levels at five community locations
  - Noise levels ranged from less than audible to 90 dB SENEL
  - Noise levels were less than EIR significance threshold of 95 dB SENEL
Sound Analysis

2007 Estimate (UCSF EIR)

Federal and State Standard: 65 dB CNEL

UCSF EIR Threshold: 95 dB SENEL (estimated)

Note: Actual noise levels measured from test flight were lower than estimated
### Neighborhood Noise Sources

<table>
<thead>
<tr>
<th>Source</th>
<th>SENEL Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aircraft</td>
<td>74-85</td>
</tr>
<tr>
<td>Sirens</td>
<td>101</td>
</tr>
<tr>
<td>Construction</td>
<td>85</td>
</tr>
<tr>
<td>Non-UCSF Helicopter Flyovers</td>
<td>81-87</td>
</tr>
<tr>
<td>Motorcycles</td>
<td>88-100</td>
</tr>
<tr>
<td>Muni T</td>
<td>84-88</td>
</tr>
<tr>
<td>Trucks</td>
<td>81-99</td>
</tr>
<tr>
<td>UCSF Helicopter Transports</td>
<td></td>
</tr>
<tr>
<td>Measured</td>
<td>67-94</td>
</tr>
<tr>
<td>Predicted</td>
<td>76-98</td>
</tr>
</tbody>
</table>

Sources: Helicopter Noise Analysis for University of California San Francisco Mission Bay Hospital Site, HMMH Report No. 302300, March 2008
Community Involvement & Neighbor Feedback
UCSF Mission Bay Hospitals Project

- Community Involvement

- Since 2001, UCSF has maintained an open dialogue with the community about the new hospitals and has held more than 60 community meetings

- Neighbors provided input on topics such as site selection, height/bulk/massing, design, open space, traffic, the 4th Street Public Plaza and the new helipad

- This feedback has been extremely valuable in helping shape hospital design and influencing helipad planning and operations
Neighbor Feedback

- Transports
  - Helipad
  - Ambulance
Three Categories of Ambulance Transports:

- Transfers from other hospitals for specialty care at UCSF (*inter-facility*)
- Transfers between the two UCSF Emergency Departments (*ED-to-ED*)
- San Francisco 911 ambulance service (*911*)
## Ambulance Transport Figures to Date

<table>
<thead>
<tr>
<th>To date</th>
<th>Ambulance runs total</th>
<th>Code-3 all hours</th>
<th>Code-3 11 pm - 7 am</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inter-facility</td>
<td>215</td>
<td>1</td>
<td>0</td>
</tr>
<tr>
<td>911</td>
<td>232</td>
<td>24</td>
<td>3</td>
</tr>
<tr>
<td>ED-to-ED</td>
<td>203</td>
<td>24</td>
<td>2</td>
</tr>
<tr>
<td>Total</td>
<td>650</td>
<td>49</td>
<td>5</td>
</tr>
</tbody>
</table>

- **215 - Inter-facility**
- **232 - 911 Transports**
- **203 - ED to ED**

![Pie chart showing ambulance transports categorized by type and time]

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UCSF Medical Center
UCSF Benioff Children's Hospitals
Neighbor Feedback

Smoking & Loitering

- Resource cards for staff smokers

All faculty, staff and students are required to be completely tobacco free at work and on breaks. If you or someone you know needs help with tobacco cessation, please visit:

TobaccoFree.ucsf.edu

Nicotine replacement gum is available free of charge for faculty, staff and students at the following occupational health locations:

Mission Bay: 1855 4th Ave., Suite C1739
Open: M, W, Th, F: 7:30am-12pm, 1-4pm, and Tu: 12-4pm

Parnassus: 505 Parnassus Ave., M-195
Open: M, W, F: 7am-12pm, 1-5pm, and Tu: 9am-12pm, 1-5pm, Th-closed

Mt. Zion: 2330 Post St., Suite 460
Open: M, W, Th, F: 7:30am-12pm, 1-4pm, and Tu: 9am-12pm, 1-4pm
Please call for details: 415-885-7580

UC San Francisco is 100% tobacco free

The use of all tobacco products, including e-cigarettes is prohibited on or nearby campus.
Please respect our neighbors.

TobaccoFree.ucsf.edu

UCSF Medical Center
UCSF Benioff Children’s Hospitals
Smoking & Loitering

- New signs on and around campus:
  - “Please respect our Neighbors”
- Security officer patrols
- Litter pick-up
- Hand out resource cards to staff regarding smoking cessation programs at UCSF
- Additional manager trainings being conducted
- Problems? Call UCSF-PD at **415-476-1414**
Seeking community feedback on ideas:

- Provide you with “no smoking” signs with or without UCSF policy language included?
- Provide you with resource cards to hand out?
- Would you want to take a picture of the smoker?
UCSF Transportation Services

- Two thirds of all staff and students commute to UCSF by some means other than driving alone.
- Staff and students who drive are encouraged to park in safe and convenient UCSF onsite parking facilities. 1,000+ Mission Bay hospital parking permits have been issued to UCSF faculty and staff since February 1, 2015.
- UCSF is recognized as a leader in Transportation Sustainability. An array of commuter alternatives are offered to reduce traffic congestion and harmful greenhouse gas emissions.
UCSF Transportation Services

- Focused on sustainability and the City’s Transit-First policy:
  - Bicycling incentives and infrastructure
  - Fuel Efficient Vehicles
  - City CarShare vehicles at all key campus locations
  - Vanpools
  - Shuttle System replaces close to 3,000 single occupancy vehicle trips per weekday
  - Carpools—preferred parking and ZimRide Online Carpool Matching
  - Emergency Ride Home Program
We heard good news from you too . . .

- Thank you for providing immediate access to life saving care
- Great place to walk and bike – nice neighborhood amenity
- Quick, delicious and healthy place to grab a bite
- Nice place for coffee and to meet and greet
- Unlike other businesses, UCSF listens and makes every effort to work with neighbors
Discussion
Next Steps