



Citizen's Advisory Committee

Children's Major Institutional Master Plan

November 13, 2007

Children's

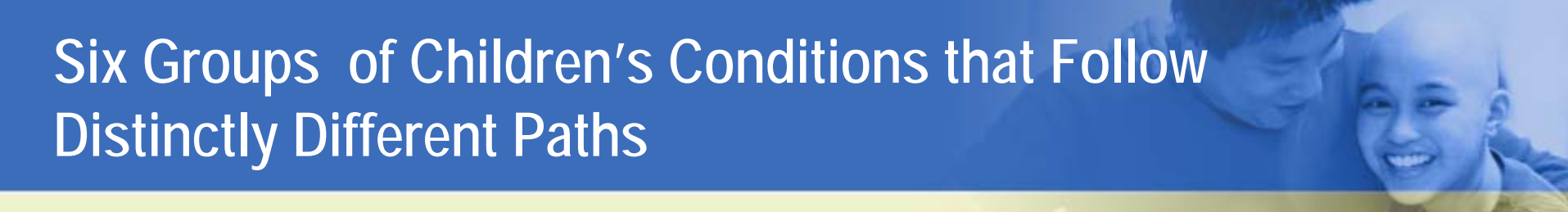
Hospital & Regional Medical Center
Seattle, Washington

ZIMMER · GUNSUL · FRASCA ARCHITECTS · LLP

Children's Hospital – The Need to Grow

- > What has changed since our Certificate of Need was developed in 2001?
 - Volume
 - Occupancy
- > What is unique about our patients and the teams that care for them?
 - Examples of clinical programs and how they drive our space needs

Six Groups of Children's Conditions that Follow Distinctly Different Paths



Children with:

1. No Chronic Conditions
2. Episodic Chronic Conditions
3. Life Long Chronic Conditions
4. Life Long with Shortened Life Expectancy (Progressive Chronic Conditions)
5. Dependent on Technology
6. Metastatic Malignancies

Single Moderate: Top 5 PCDs in 2005



	n	%
<u>Episodic Chronic n 1994</u>		
Asthma	672	33.7
Cleft Lip & Palate	169	8.5
Hydrocephalus & Other Brain Anomalies	92	4.6
Anomalies of Kidney or Urinary Tract	87	4.4
Epilepsy	77	3.9

Hospital Data: Top Five Primary Diagnosis by Chronic Condition Groups: Single Minor

	n	%
<u>Episodic Chronic n 1994</u>		
Chronic Joint & Musculoskeletal Diagnoses – Minor (Foot deformities and bone cysts)	67	3.4
Other Chronic Pulmonary Diagnoses (sleep apnea)	53	2.7
Chronic Gastrointestinal Diagnoses – Minor (gastric ulcers)	29	1.5
Vesicoureteral Reflux	21	1.1
Ventricular & Atrial Septal Defects	19	1.0
All others	708	35.5

Single Dominant: Top 5 PCDs in 2005



	n	%
<u>Life Long Chronic n 937</u>		
Diabetes –type 1	156	16.7
Chromosomal Anomalies & Syndromes Except Down's	88	9.4
Major Respiratory Anomalies	84	9.0
Anomaly Skull & Facial Bones	77	8.2
Complex Cyanotic & Major Cardiac Septal Anomalies	72	7.7
All others	460	49.0

Catastrophic: Top 5 PCDs in 2005



n

%

Life Long Progressive Chronic (catastrophic and dependent on technology) n 413

Congenital Quadriplegia, Diplegia,
Hemiplegia

114

27.6

Spina Bifida

63

15.3

Total Parenteral Nutrition

54

13.1

Cystic Fibrosis

51

12.4

History of a Major Organ Transplant

42

10.2

All others

89

21.4

Malignancies :

Top 5 PCDs in 2005

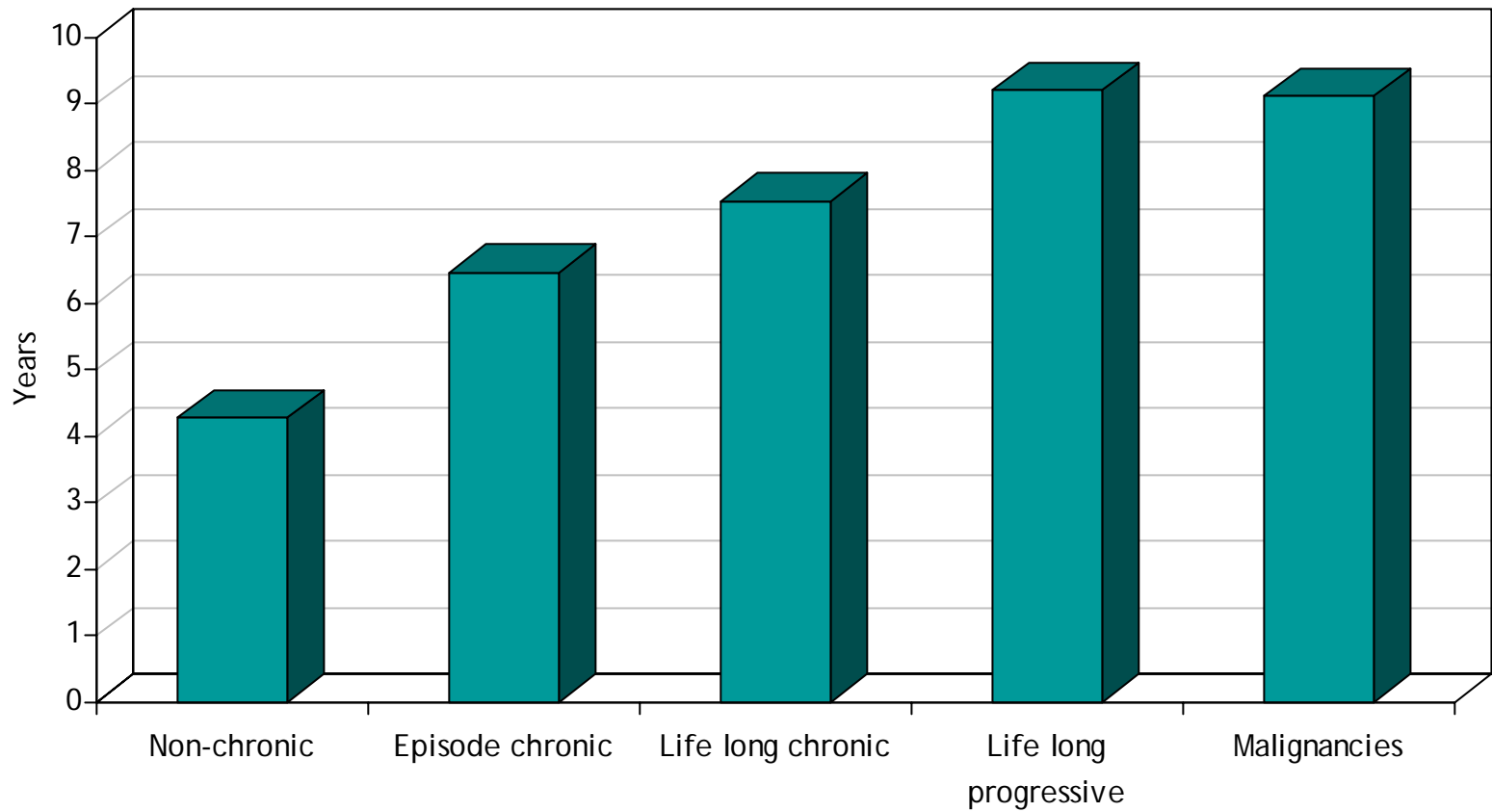


	n	%
<u>Malignancies</u> <u>n 275</u>		
Brain & Central Nervous System Malignancies	83	30.2
Acute Lymphoid Leukemia	75	27.3
Other Malignancies	53	19.3
Kidney Malignancy	17	6.2
Digestive Malignancy	11	4.0

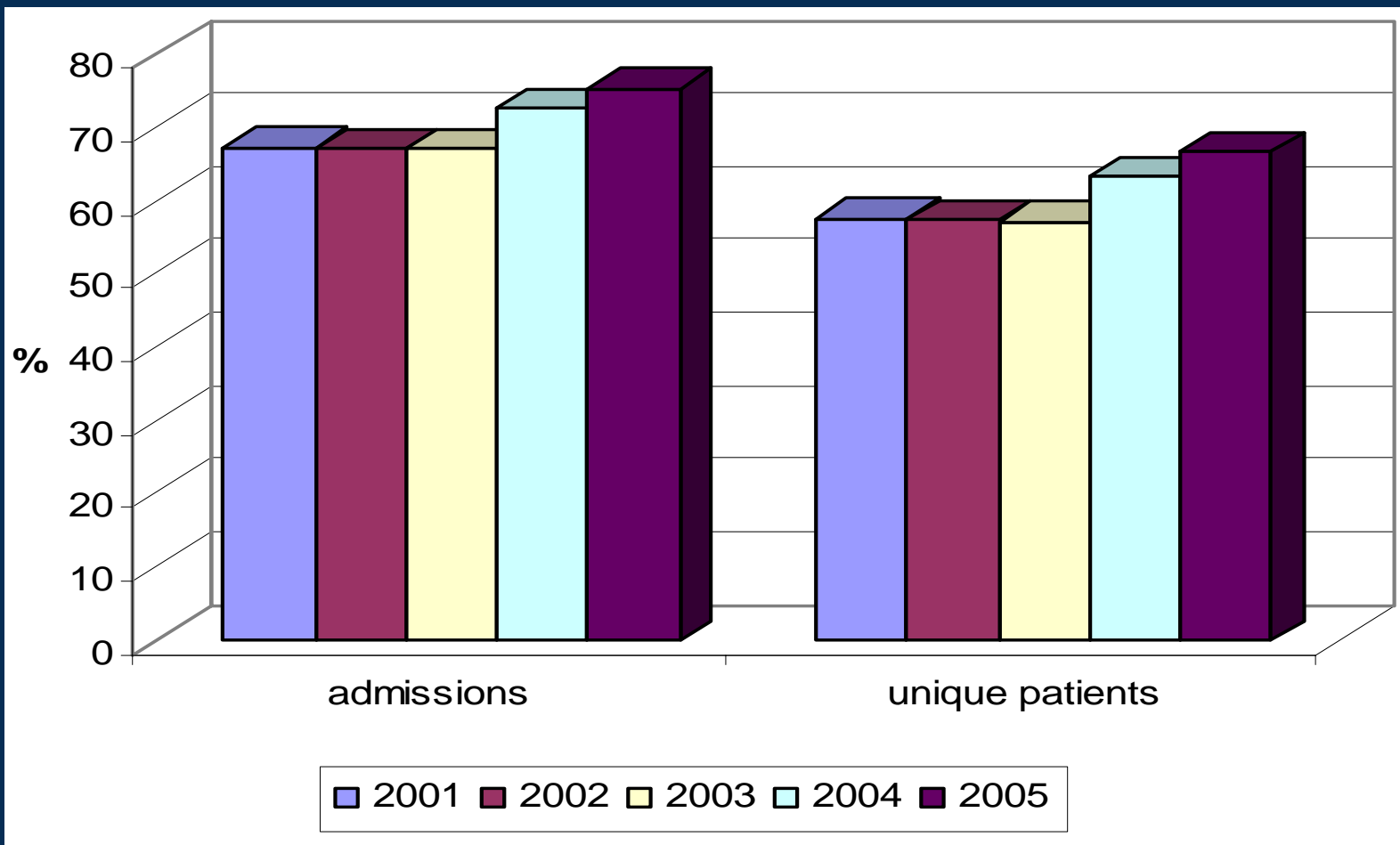
Distribution of Patients Health Plan compared to Children's Hospital

Clinical Groups	Regence Blue Shield 34,544 children	Children's Hospital 6889 Children
Non Chronic	90.5%	32.7%
Episodic Chronic	7-8%	28.6%
Life Long Chronic	1-2%	27.4%
Progressive Chronic or Dependent on Technology	<0.1%	6.9%
Metastatic Malignancies	<0.1%	4.4%

Average Age of Patients by Category



Percent of Admissions & Unique Patients with Chronic Conditions



Note: Chart excluded patients admitted to only ER, psych, or rehab; and CRG status of healthy or history of significant acute diseases.

Five-Year Trend

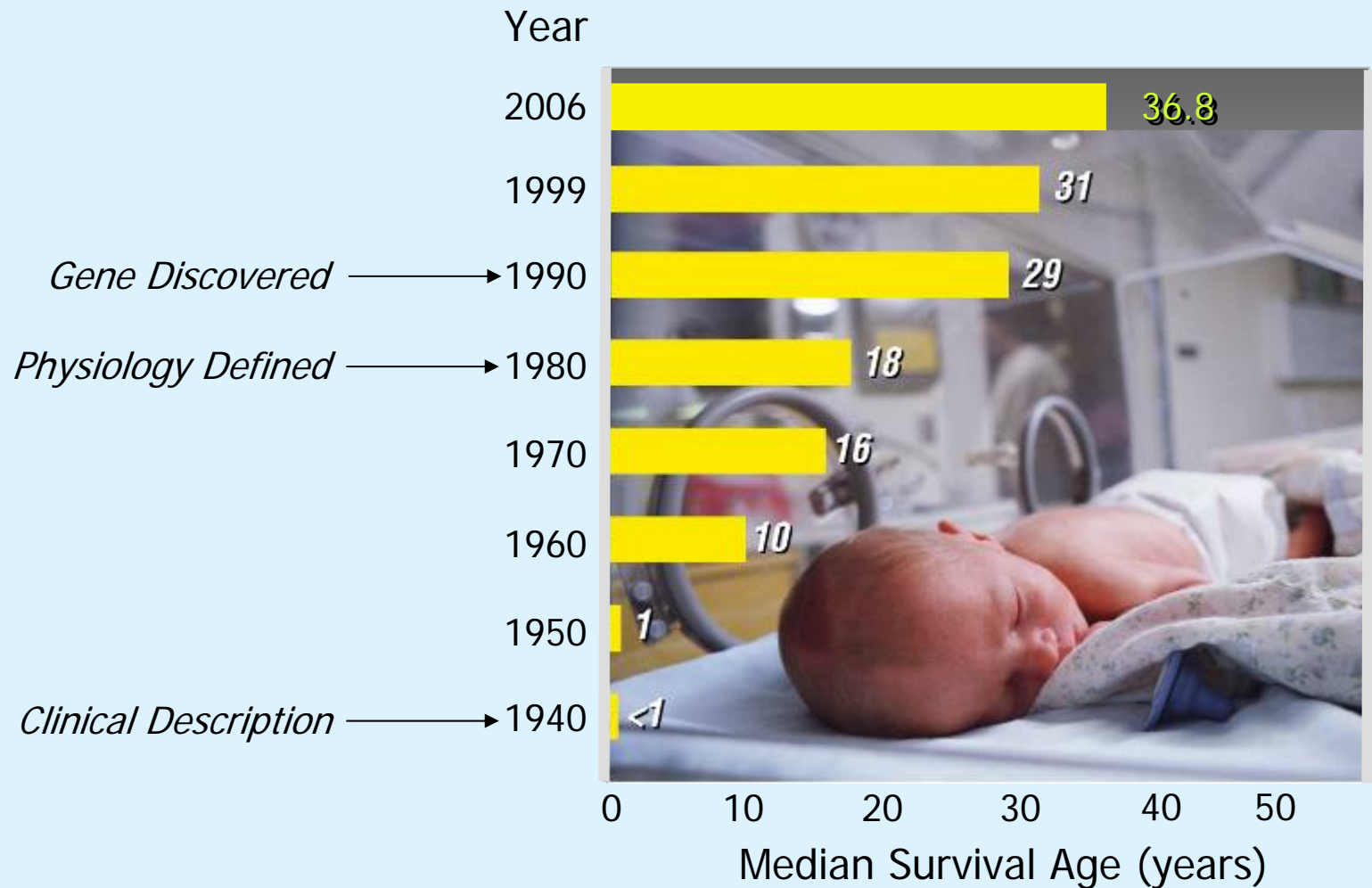


Over five years, patients gradually have become:

- > More chronic and complex
- > Older
- > More expensive to care for
- > More admissions and ED visits per patient

Cystic Fibrosis

Excellent Care and Research Have Prolonged Children's Lives



Cystic Fibrosis



Cystic Fibrosis

