



Hospital Based CPS Programs

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Comprehensive Car Seat Program





Agenda

- About Us
- What we offer
- Funding
- Programmatic breakdown
 - Logistics
 - Evaluation
 - Process Improvement

UCHealth – Leading Agency

Poudre Valley Hospital

- Fort Collins, CO
- Level III NICU
- 1900 births/year
- Level III Adult Trauma



Medical Center of the Rockies

- Loveland, CO
- Special Care Nursery
- 1400 births/year
- Level I Adult Trauma



Safe Kids Larimer County

- Larimer County Demographics
 - Population: 356, 899
 - 82.1% White, 11.9% Hispanic, 2.4% Asian
 - Median household income \$75,300 (CO is \$77,100)
 - 11.2% living in poverty
- Safe Kids Larimer County top focuses
 - Teen Driving
 - Child Passenger Safety
 - Bike Safety



What we offer

- Hospital-based consultations
- Community education and distribution program
- Special & emergency needs
- Inspection stations/check up events



Funding

UCHealth (Lead Agency)

- *Budgeted each year*
- Marketing materials
- Supplies (printing, etc.)
- Technician Training (Time for instructors)
- Staff time for programs
- In-hospital voucher program

uhealth

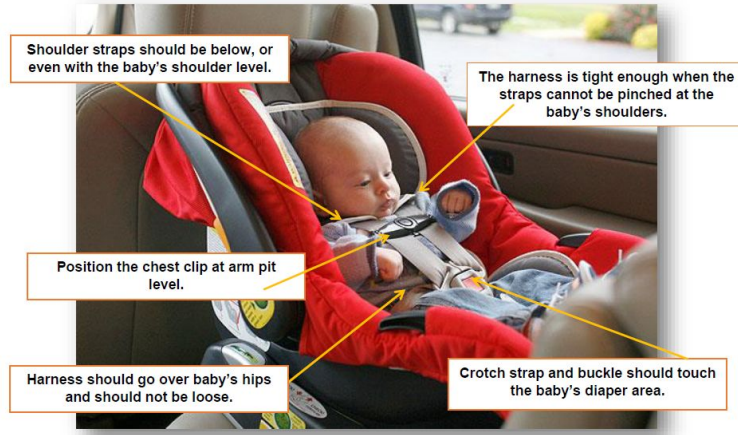
Safe Kids Larimer County

- *Grant and donation funded*
- Car seats for education and distribution program, special needs seats
- Inspection station supplies (noodles, emergency seats, etc.)
- Certification and re-certification costs for technicians

**SAFE
KIDS**
LARIMER
COUNTY

Hospital-Based Program

- Buy-in
 - Directors -> Nurses
- Logistics
 - 2 hospitals, 1200 families reached/year
 - 8 staff members
 - 3-4 hours/day (M-F)
 - NICU/SCN – Car seat challenge
- Materials
 - Dial-a-belt
 - Baby doll
 - Pool noodles
 - iPad/forms
 - Tech resources – recall list, cheat sheet, LATCH manual
 - Packet for all families
- Staffing
 - Volunteer
 - Contractors
 - Partner agencies
 - Staff



For additional information and resources, visit www.sklarimer.org or call 970.495.7502.

See back for tips on installing your car seat in your vehicle.

Hospital Voucher Program

- True need?
- Logistics
- Partnership with Wal-Mart

Attach copy of receipt to this corner.
Fax to 970.495.7607 for payment.



VOUCHER
#XXX

Poudre Valley Hospital Car Seat Voucher

Take this voucher to Wal-Mart Super Center
Located north of PVH on Lemay Avenue, at 1250 E. Magnolia, Fort Collins

PRESENT THIS VOUCHER TO THE SERVICE DESK

This voucher is good for ONE

Infant Car Seat

Must be an infant seat only. No stroller systems or additional items can be added.

Price may not be more than \$90.00 without approval.

Patient First Initial & Last Name:	
Date Issued: <i>Expires 36 hours after date issued.</i>	
Printed name of UCHealth Staff: <i>*Please email safekids@uchealth.org w/last name, room # & time voucher was given so we can follow up for a consultation.*</i>	

For questions or concerns, please call 213.0606.

Office Use Only

****WAL-MART SERVICE DESK CODE****
T E DISCOUNT

Tax Exempt Code: 13246 Tax will not be reimbursed.
Issuer: UCHealth/Safe Kids Larimer County, 970.495.7502
For payment: Fax voucher and receipt to 970.495.7607



Process Improvement

- Scheduling NICU appointments
- Staffing shifts
- Uniform answers on the Car Seat Check Form
- Reminding providers to talk to their patients about needing a seat before delivery
- Working around hearing screens, lactation, doctors – flexibility is key.

Program Evaluation - Immediate

Dashboards

agency: Safe Kids Larimer County (Fort Collins, Colorado)



Evaluation – 3 Month Follow Up

- Email survey via Survey Monkey
 - Photo evaluation
 - Comments

* 1. Is the child pictured below correctly harnessed in the car seat? (the child is facing the correct direction - Rear Facing)

- Yes
 No



“The consultation may have literally saved our baby. They corrected my initial base installation attempt, tightened everything up, and educated me. 2 months later we were involved in a car crash going 40mph, the baby was fine and the least upset out of all involved. Paramedics and police on the scene mentioned their appreciation for proper installation and usage.”

Education & Distribution Classes

- Logistics
 - 3 classes/month – 1 in Spanish
 - 1 hour
 - \$30 requested donation
 - 1 car seat per family, per year
 - Registration available via phone and online
 - One on ones as needed
- Seats available
 - Infant
 - Convertible
 - Combo (new)
 - HBB & LBB
- Includes CPR at the end for pregnant families.

Need a car seat?
CAR SEAT SAFETY CLASSES



Safe Kids Larimer County and partners are pleased to offer three classes per month for families in need of a car seat or booster seat for their child. **Registration is required and distribution is limited to one (1) seat per family, per year.** Classes are offered in both English and Spanish. *Se habla español.*

When and where: (choose one)

Saturday, June 3	9-10 a.m.	Family Medicine Center Classroom, 1025 Pennock Pl., Suite 118
Tuesday, June 20	5-6:15 p.m.	House of Neighborly Service Life Center, 1511 E. 11th St., Loveland
Wed., June 14 (Spanish)	4-5 p.m.	The Family Center/La Familia, 309 Hickory St., Fort Collins
Tuesday, July 11	5-6:15 p.m.	Family Medicine Center Classroom, 1025 Pennock Pl., Suite 118
Tuesday, July 18	5-6:15 p.m.	House of Neighborly Service Life Center, 1511 E. 11th St., Loveland
Wed., July 12 (Spanish)	4-5 p.m.	The Family Center/La Familia, 309 Hickory St., Fort Collins
Saturday, August 5	9-10 a.m.	Family Medicine Center Classroom, 1025 Pennock Pl., Suite 118
Tuesday, August 15	5-6:15 p.m.	House of Neighborly Service Life Center, 1511 E. 11th St., Loveland
Wed. August 9 (Spanish)	4-5 p.m.	The Family Center/La Familia, 309 Hickory St., Fort Collins
Tuesday, September 12	5-6:15 p.m.	Family Medicine Center Classroom, 1025 Pennock Pl., Suite 118
Tuesday, September 19	5-6:15 p.m.	House of Neighborly Service Life Center, 1511 E. 11th St., Loveland
Wed., Sept. 13 (Spanish)	4-5 p.m.	The Family Center/La Familia, 309 Hickory St., Fort Collins
Saturday, October 7	9-10 a.m.	Family Medicine Center Classroom, 1025 Pennock Pl., Suite 118
Tuesday, October 17	5-6:15 p.m.	House of Neighborly Service Life Center, 1511 E. 11th St., Loveland
Wed. October 11 (Spanish)	4-5 p.m.	The Family Center/La Familia, 309 Hickory St., Fort Collins

FEE: A \$30 donation is requested to support Safe Kids. **Registration is required. Call 970.495.7508**

Para Español, llame a The Family Center/La Familia al 970.221.1615.
Please call to register at least 48 hours prior to class date/time.

Don't delay. Space is limited.

uchealth.org

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Distribution Program Partners

- Catholic Charities
- Stork Support
- The Family Center/La Familia
- House of Neighborly Services
- Colorado State Patrol
- EMS
- Family Medicine Clinic
- Nurse Family Partnership
- Fire departments
- Early Head Start
- WIC



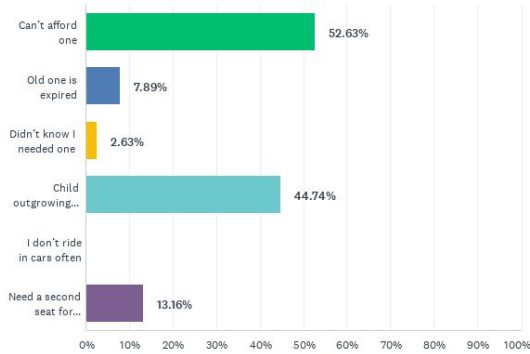
Process Improvement

- Increase car seat cost, decrease donation and grants
- Location changes
- Childcare no longer offered
- No requirements for participants

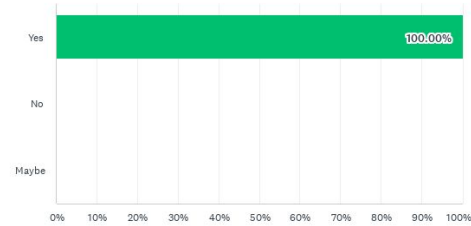


Program Evaluation – Immediate

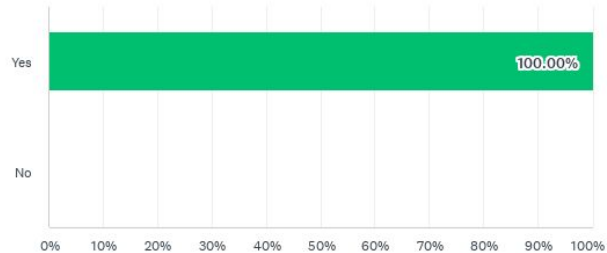
Q7 Reason for needing a car seat (Check all that apply):



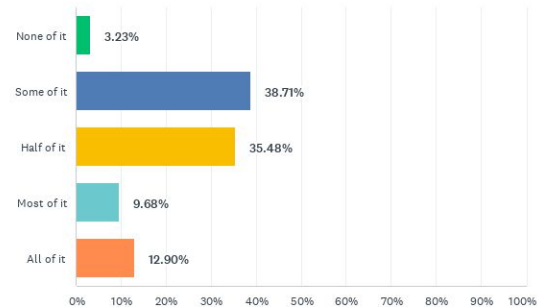
Q13 Do you believe you will be able to keep your child(ren) safer while traveling in a car because of the information you learned through this program?



Q14 Would you recommend this program to others?



Q12 How much of the information provided in this program was new to you?



Special and Emergency Needs

- Special needs offerings
- Community emergency needs
- Logistics



Inspection Stations/Check Up Events

Do you need help with your car seat?

These agencies can help.

Car seats can be checked **by appointment** at these permanent-fit locations—call today!

Berthoud

Berthoud Fire Department 970.532.2264

Estes Park

EVICS Family Resource Center 970.586.3055

Fort Collins

UCHealth EMS 970.286.1857

Poudre Fire Authority 970.416.2891

Colorado State Patrol 970.224.3027

CSU Police Department 970.430.6746

Loveland

None at this time.

Wellington

Wellington Fire Protection District 970.568.3232

Windsor

Windsor-Severance Fire Protection District 970.686.2626

You MUST call to make an appointment. These locations do not see drop-in clients. Also, please keep in mind that the firefighters and EMS personnel are on duty and could be called out to respond to a fire or other emergency. Your patience and understanding are greatly appreciated.

Car-seat use and recall information:

Ultimate Car Seat Guide:

ultimatecarseatguide.com

National Highway Traffic Safety Administration (NHTSA):

888.327.4236. nhtsa.gov

Child-seat manufacturer:

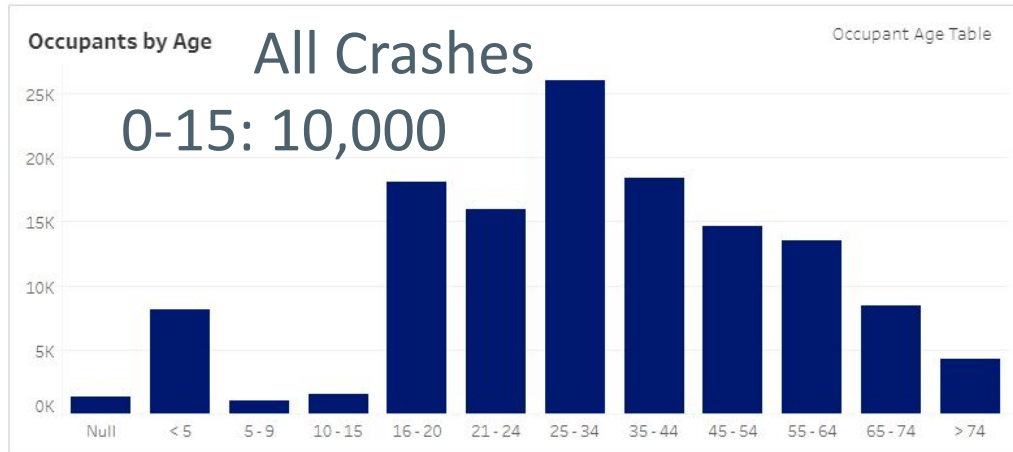
See your owner's manual for contact information to find out about recalls.

For more information, please call the Safe Kids Larimer County office at 970.495.7502, visit sklarimer.org, or email safekids@uchealth.org.

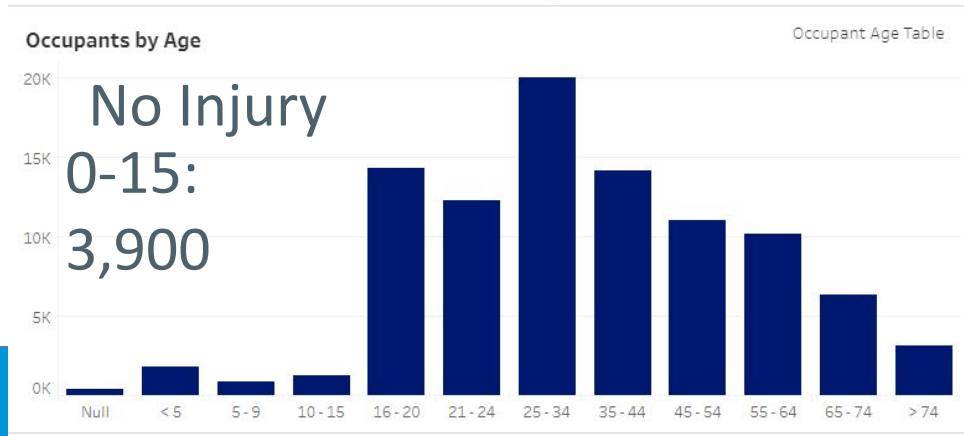
Para asistencia en español, por favor, llame The Family Center/La Familia: 970.221.1615.



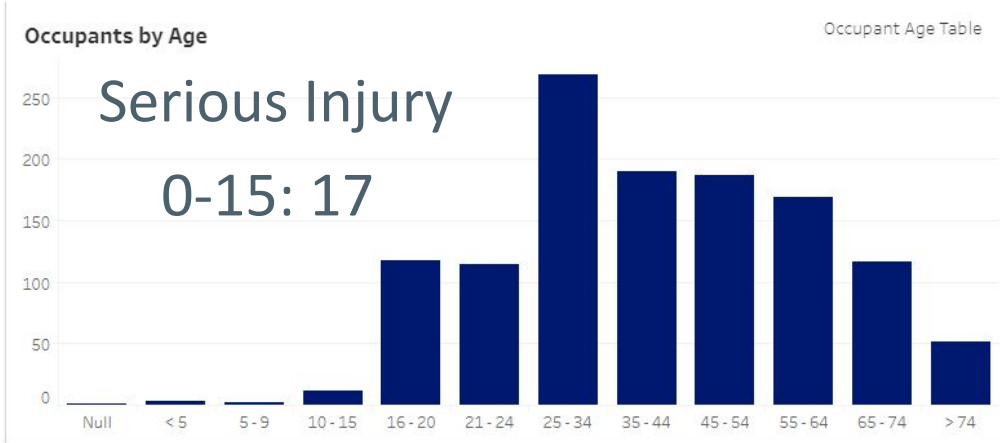
Evaluation – Long Term



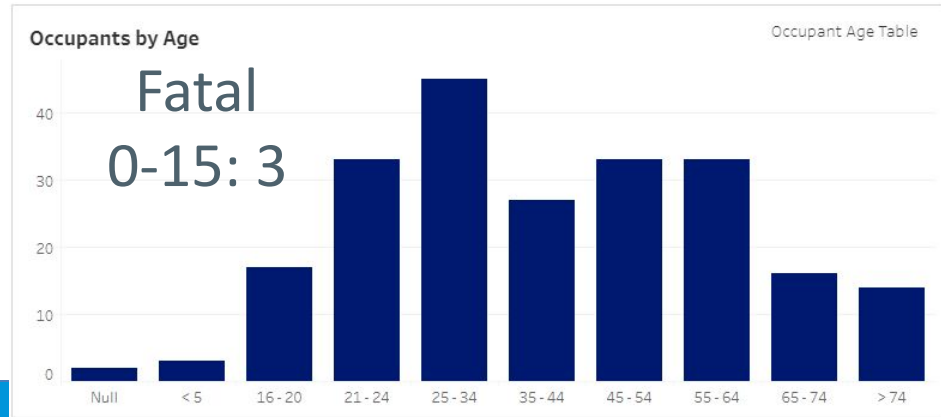
2013-2023
County Data



Evaluation – Long Term



2013-2023
County Data



Sustainability

- Continued funding sources, via annual budgets, grants, donations, etc.
- Maintain the staffing and training of CPS Technicians
- Maintain community partnerships and consider new ones
- Continually evaluate program and modify as needed
- Recycling program evolution
 - “Get Dumped” on Valentine’s Day



Contact Information

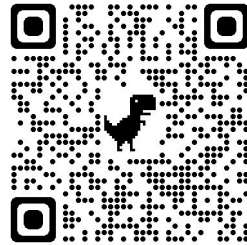


Alison Weston

Injury Prevention Specialist

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Sklarimer.org



An Inpatient Child Passenger Safety Program: Accomplishments and Challenges



Blanca Villaseñor, CPS-I
Sr. Injury Prevention Specialist

**Phoenix Children's Injury
Prevention Program**

Level 1 Pediatric Trauma Center



In 2022:

- Over 242,000 patients treated
- Over 395,000 outpatient visits
- Over 106,000 emergency room visits
- Over 2,800 trauma cases
- 433 hospital beds

Development of Child Passenger Safety Program

2006

.5 FTE – Injury Prevention Specialist

No Spica Car Seats, no system notifying injury prevention, on-call schedule, created documentation form.

2007

1.0 FTE Injury Prevention Specialist

2008

2.0 FTE Injury Prevention Specialist

2022

3.0 FTE Injury Prevention Specialist



Current CPS Program

Two 1.0 FTE Injury Prevention Specialists

0.5 FTE Program Assistant (Grant funded)

1.0 FTE Injury Prevention Specialist (Grant funded)

Responsibilities Inpatient/Outpatient + Community Outreach

Grant deliverables + reporting

Car seat policy

Mentorship program (New CPSTs)

Instructors for the CPST Hybrid course and STAC

Establish and maintain community partnerships

Loaner program

Special needs, rehab, trach-airway, NICU, palliative, end of life

Coordinate internship programs

Media

Advocacy work

AZ Child Fatality Review

In-hospital trainings

Car Seat fitting station

CPST courses

Car Seat App

Injury Free Sub-committee / STAC Advisory Council

GOHS Occupant Protection Task Force Coalition

National Child Passenger Safety Board member

Initial Efforts



- Lunch and Learn presentations offered to staff
- Quick Tips
- Participated in weekly Multidisciplinary Rounds
- NICU Resource Nurse
 - Car Seat Clinic
- Presentations to Ortho surgeons
- Patient Satisfaction Scores

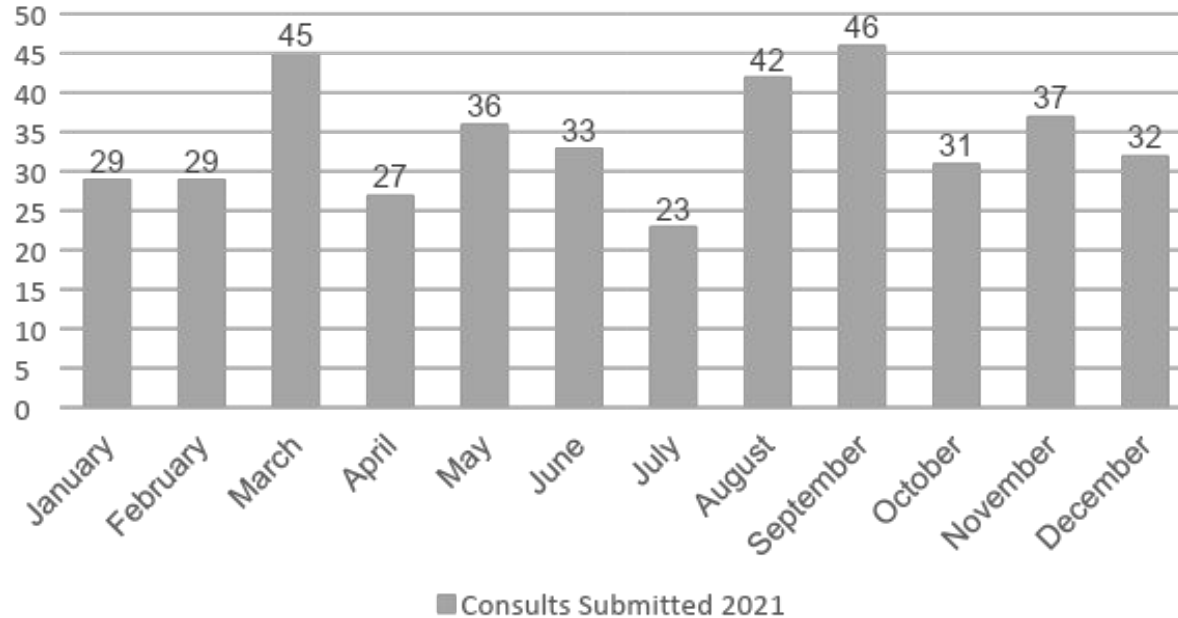
Car Seat Policy

- Assess infant/child's current car seat use (RN/SW)
- If car seat is needed, refer to SW/IP for assessment (RN/SW)
- Provide resources: education, car seat, installation assistance (IP)
- Document on electronic medical record (IP/RN/SW)



Child Passenger Safety Consults

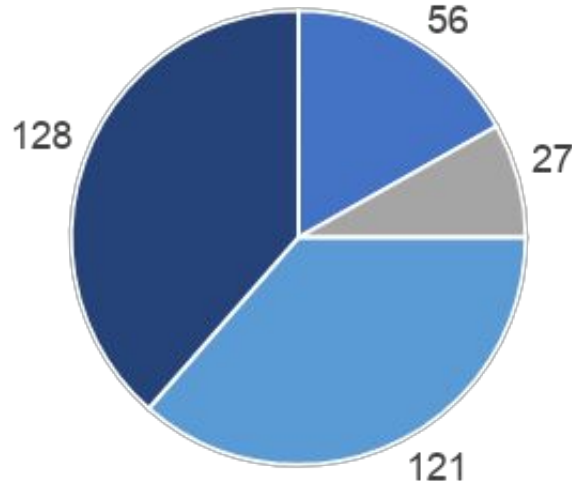
Consults Submitted 2022, Total 410



*patients d/c after hours, holidays, weekends

Child Passenger Safety Consults

Consults Completed, Total - 361



- Trauma MVC
- Evaluation Special Needs
- Conventional Car Seats

Departments



NICU



Inpatient/outpatient rehab



General pediatrics



Orthopedics

NICU

Premature babies, trach airway, first time parents

Consulted Car Seat Angle Tolerance Screening – for positioning only

- Recommend longer stay for new baseline
- Hope Car Bed (loaner program)

Outpatient Pulmonology clinic – retesting

Continuity of care



Inpatient/Outpatient Rehab



- Spinal cord injuries, Neuromuscular disorders, Cerebral palsy, Ortho conditions, Autism
- Inpatient
 - Car seat fittings with PT/OT
 - Bedside consults
 - Safe transportation home options
 - Assist with inpatient outings
- Outpatient
 - PT/OT therapy appointments
 - Car seat replacements
 - Car seat installs
 - Discuss next steps
 - Referrals
- NuMotion collaboration

General Pediatric Clinic



Conventional car seats, Developmental Disorder



GenPeds Resident training

82 residents educated in 2022



Outpatient consults

Conventional car seats

Specialized car seats / restraints

Referrals

Orthopedics

Spica casts
Arm casts
Abductor pillow
Pavlik harness

Daily & Monthly Surgery
Lists

Post-Anesthesia Care
Unit (PACU)

Ortho Resource Nurse

- 9 RNs educated in 2022
- Resource binder at nurses' station
- Space for restraints storage

Bedside RNs /
Administrative RNs



Loaner Restraints

Patient Needs

- Spica cast
- Abductor pillow
- Knee immobilizer
- Rhino brace
- Prematurity
- Tracheal airway

Assess

- Length of travel
- Vehicle at discharge
- Family needs

Options

- Patient's own car seat
- Loaner Restraint - Hope Car Bed, Jefferson, Modified E-Z-On Vest
- Medical transportation

Tracking Loaner Restraints

Smartsheet

Status	Loan Out	Duration of Check-Out	Estimated Due Date	Return Date
Returned	04/20/22	6 weeks	06/01/22	06/03/22
Returned	03/17/22	12 weeks	06/09/22	06/16/22
Returned	05/23/22	4 weeks	06/20/22	06/29/22
Returned	05/06/22	6 weeks	06/17/22	07/07/22
Returned	03/01/22	Further evaluation		07/27/22
Out	02/21/22	6-8 weeks	04/18/22	
Returned	02/28/22	6 weeks	04/11/22	07/27/22
Returned	06/10/22	5 weeks	07/15/22	07/18/22
Out Returned	06/14/22	6 weeks	07/26/22	08/02/22
Returned	06/02/22	4 weeks	07/05/22	08/11/22
Out	06/03/22	24 weeks	11/18/22	
Out	04/27/22	Further Evaluation		
Out	05/24/22	6 weeks	07/05/22	
Out	05/27/22	6 weeks	07/08/22	
Out	07/28/22	6 weeks	09/01/22	
Out	07/29/22	6 weeks	09/02/22	
Out	08/08/22	6 weeks	09/19/22	
Out	08/10/22	6 weeks	09/21/22	

- Team receives alert when restraint is due
- Phone call, email, letter, text message via Sunrise
- Pre-pay envelope
- Drop off
 - Main lobby
 - Ortho clinic
 - By appointment

Challenges

Limited staff with increasing patient volume

Child Passenger Safety Champions - Nurses, PT/OT, Ortho

Time commitment to complete CPS-T and STAC training

Staff shortages and turnover – CPS not a priority

Hospital expansion

Expanding



Hopes and Dreams

Hybrid course – facilitate certifying
medical staff

Re-occurring presentations to
medical staff

Increase the number of Child
Passenger Staff

Expand Injury Prevention Program

Car seat research studies





Thank you



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(602)933-3355

Thank you.



SAFE
KIDS
WORLDWIDE.