

# CHOOSING THE RIGHT CAR SEAT FOR THE OCCUPANT WITH SPECIAL HEALTH CARE NEEDS

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- BS in Mechanical Engineering and an MBA.
- Worked as an Engineer in automotive and nuclear industries.
- Worked as a design engineer for Britax Child Safety and was the Director of the Automotive Safety program at Riley Hospital for Children.

## CONVENTIONAL SEATS



## REAR FACING

- Kids with special needs often need prolonged head support
  - This is best achieved in an infant carrier or a rear facing conventional restraint.



## "UPGRADING" TO FORWARD FACING

- Sometimes medical professionals want to "upgrade" to a forward-facing medical seat
  - May want to use a feature that only a forward-facing seat offers.
  - Overzealous salesmen may suggest a medical seat, without taking the appropriate holistic approach to safety.

## AFTERMARKET PRODUCTS



Navigating the market product conundrum...

WHAT ARE SOME OTHER  
ESCAPE DETERRENTS THAT  
ARE CRASH TESTED AND  
APPROVED?

### MAXI-COSI MAGELLA

- After considering all rear facing options, look for the forward-facing conventional seats with the best tilt (CP).



CAR SEATS FOR  
CHILDREN WITH  
SPECIAL NEEDS

### ANGELRIDE

Medical Conditions

- Low Birth Weight & Premature Birth
- Apnea
- Desaturation
- Gastroesophageal reflux
- Pierre Robin Sequence



### THE CARROT

Medical Conditions

- Cerebral Palsy



### THE CHAMBERLAIN

#### Medical Conditions

- Cerebral Palsy
- ALS
- Hip Dysplasia/Hip Casts
- Overweight/Obesity
- Halo Traction
- Down Syndrome
- Autism Spectrum Disorder
- Achondroplasia



### THE CHURCHILL

#### Medical Conditions

- Cerebral Palsy
- ALS
- Hip Dysplasia/Hip Casts
- Overweight/Obesity
- Halo Traction
- Down Syndrome
- Autism Spectrum Disorder
- Achondroplasia



### COLUMBIA 2000

#### Medical Conditions

- Cerebral Palsy
- Down Syndrome
- Autism Spectrum Disorder
- Achondroplasia



### EZ-ON PRODUCTS

#### Medical Conditions

- Adjustable Zipper Vest
  - Down Syndrome
  - Autism Spectrum Disorder
  - Hip Dysplasia/Hip Casts
  - Cerebral Palsy
- Modified Laydown Vest
  - Spinal Muscular Atrophy
  - Body Casts
  - Hip Spica Casts
  - Braces



### THE HOPE CAR BED

#### Medical Conditions

- Low Birth Weight & Premature Birth
- Apnea
- Desaturation
- Gastroesophageal reflux
- Pierre Robin Sequence
- Spinal Muscular Atrophy
- Hip Dysplasia/Hip Casts
- Hydrocephalus
- Osteogenesis Imperfecta



### THE JEFFERSON

#### Medical Conditions

- Omphalocele



**PILOT**

Medical Conditions

- Cerebral Palsy
- Overweight/Obesity
- Achondroplasia



**QUOKKA**

Medical Conditions

- Hip Dysplasia/Hip Casts



**THE ROOSEVELT**

Medical Conditions

- Achondroplasia
- Cerebral Palsy
- Scoliosis
- Down Syndrome
- Autism Spectrum Disorder



**SPIRIT**

Medical Conditions

- Cerebral Palsy
- Down Syndrome
- Autism Spectrum Disorder
- Achondroplasia



**WALLAROD**

Medical Conditions

- Cerebral Palsy
- Achondroplasia



**WALLENBERG**

Medical Conditions

- Hip Dysplasia/Hip Casts



INSURANCE CODING



E1399 – Miscellaneous  
T5001 – Child Safety Seat Specific  
K0108- Wheelchair Accessories

ARE ALL SPECIAL NEEDS  
SEATS COVERED BY  
INSURANCE?



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