

WELCOME TO THE 2019 FRPA CONFERENCE!





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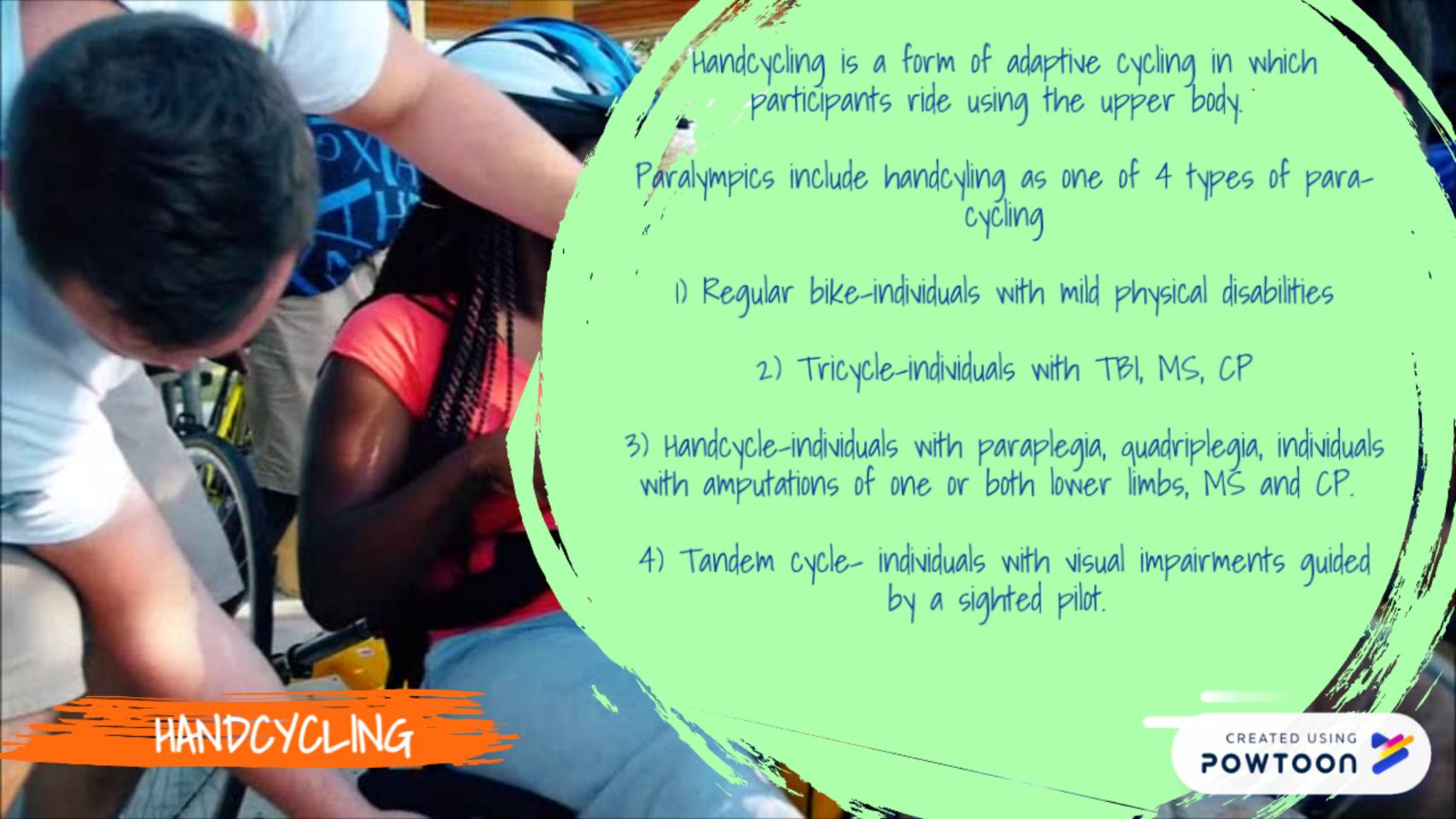
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TYPES OF HANDCYCLES

Handcycle with high stance and upright riding position

Level of disability: Upright / Fork steer or Recumbent / Lean steer



Handcycle with low stance and recumbent riding position

Purpose: Recreational or Racing





Terrain: Road, Mountain / Off-Road



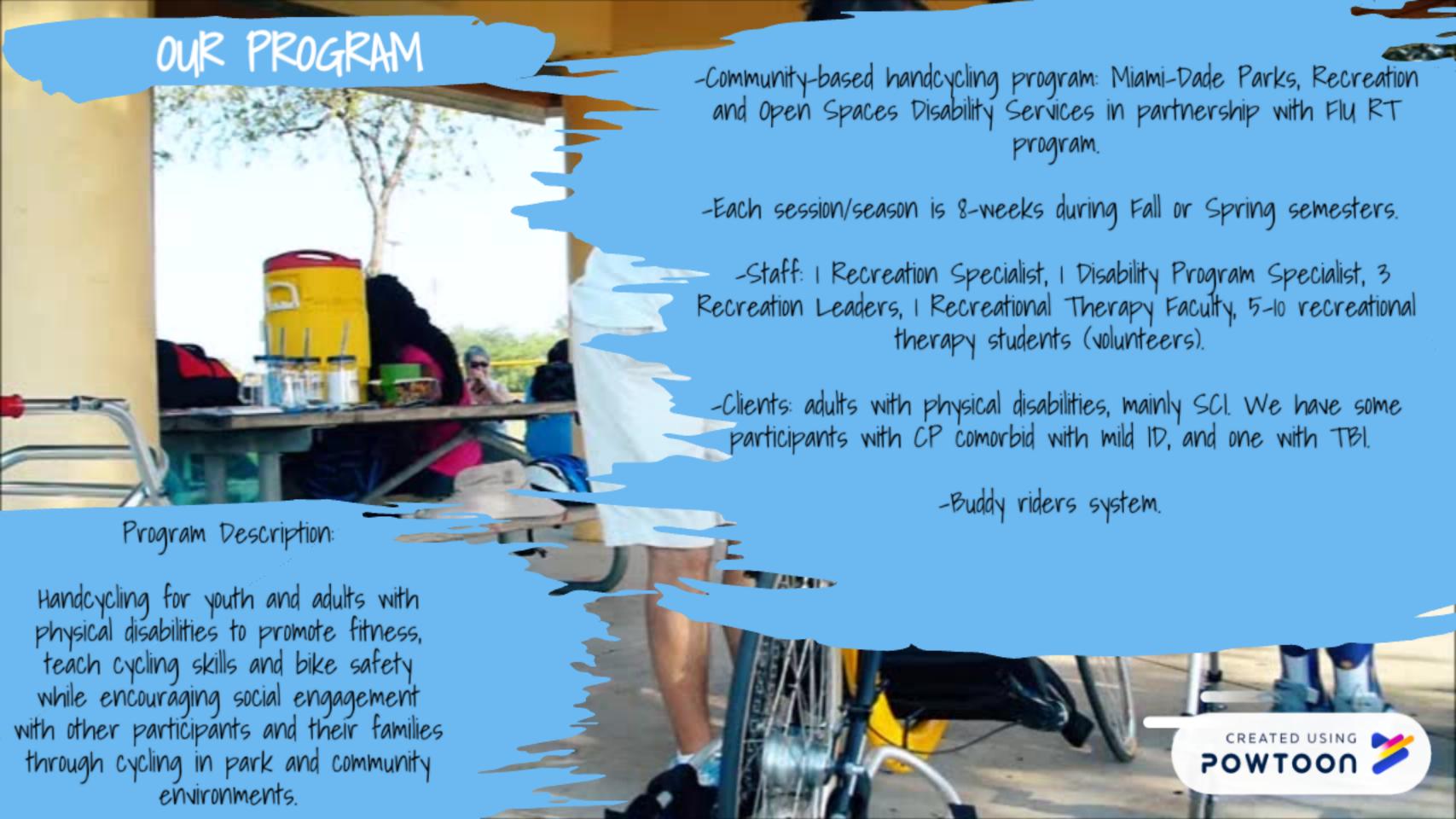


Wheelchair Conversion









Spare bike parts (tubes, tires)





Helmets (get all sizes)

EQUIPMENT NEEDED

Bike-on handcycle lift



Cycling Monitoring App



Proper clothing: long athletic pants or shorts with high socks to avoid rubbing on legs



Bike repair tools



Lube, degreaser, cleaner



Water



First-aid kit







ADAP TATIONS







Proshift (Automatic Gear shifter)













Hand Gripping Aids



Crank Extenders



Trunk Stabilizers







Quad Grips





C-5 Hand Grip



Wrist Wrap







Filting Your Bike Helmet Buy it. Fit it. Wear it. EVERY RIDE!



Size:

Measure your head to find your size. Try on several helmets in your size until one feels right. Now put the helmet level on your head and adjust the sizing pads or fit ring until the helmet is snug.



Position:

The helmet should sit level on your head and low on your foreheadone or two finger-widths above your eyebrow.



Side Straps:

Adjust the slider on both straps to form a "V" shape under, and slightly in front of, the ears. Lock the slider if possible.



Buckles:

Center the left buckle under the chin. On most helmets, the straps can be pulled from the back of the helmet to lengthen or shorten the chin straps. This task is easier if you take the helmet off to make these adjustments.



www.bhsi.org/.

Chin Strap:

EVERY RIDE!

The Proper Helmet Fit

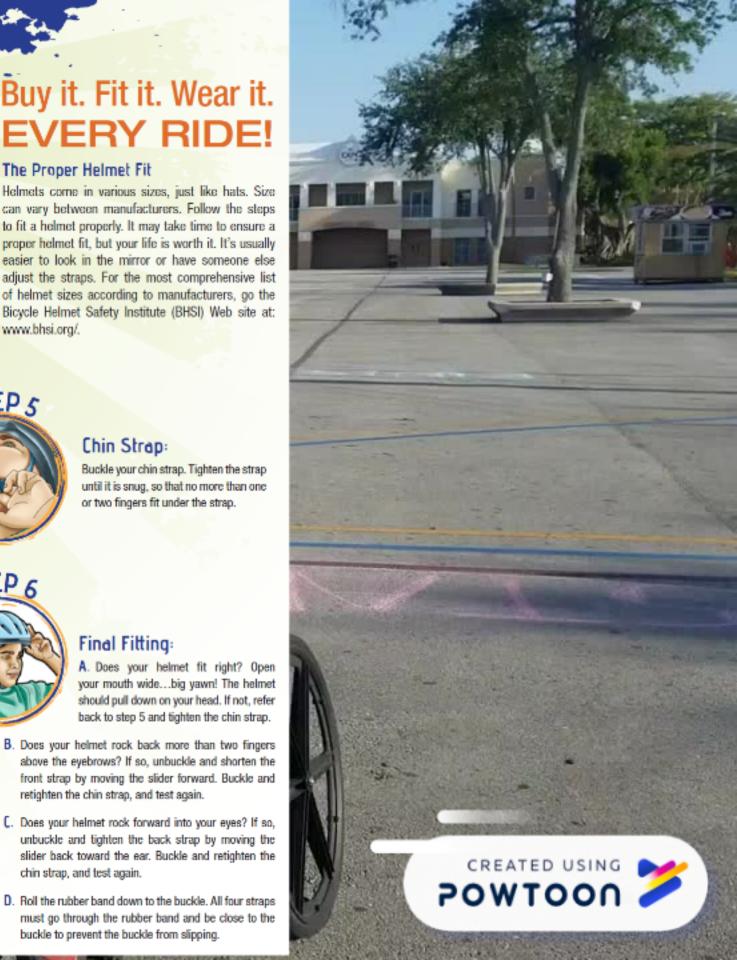
Buckle your chin strap. Tighten the strap until it is snug, so that no more than one or two fingers fit under the strap.



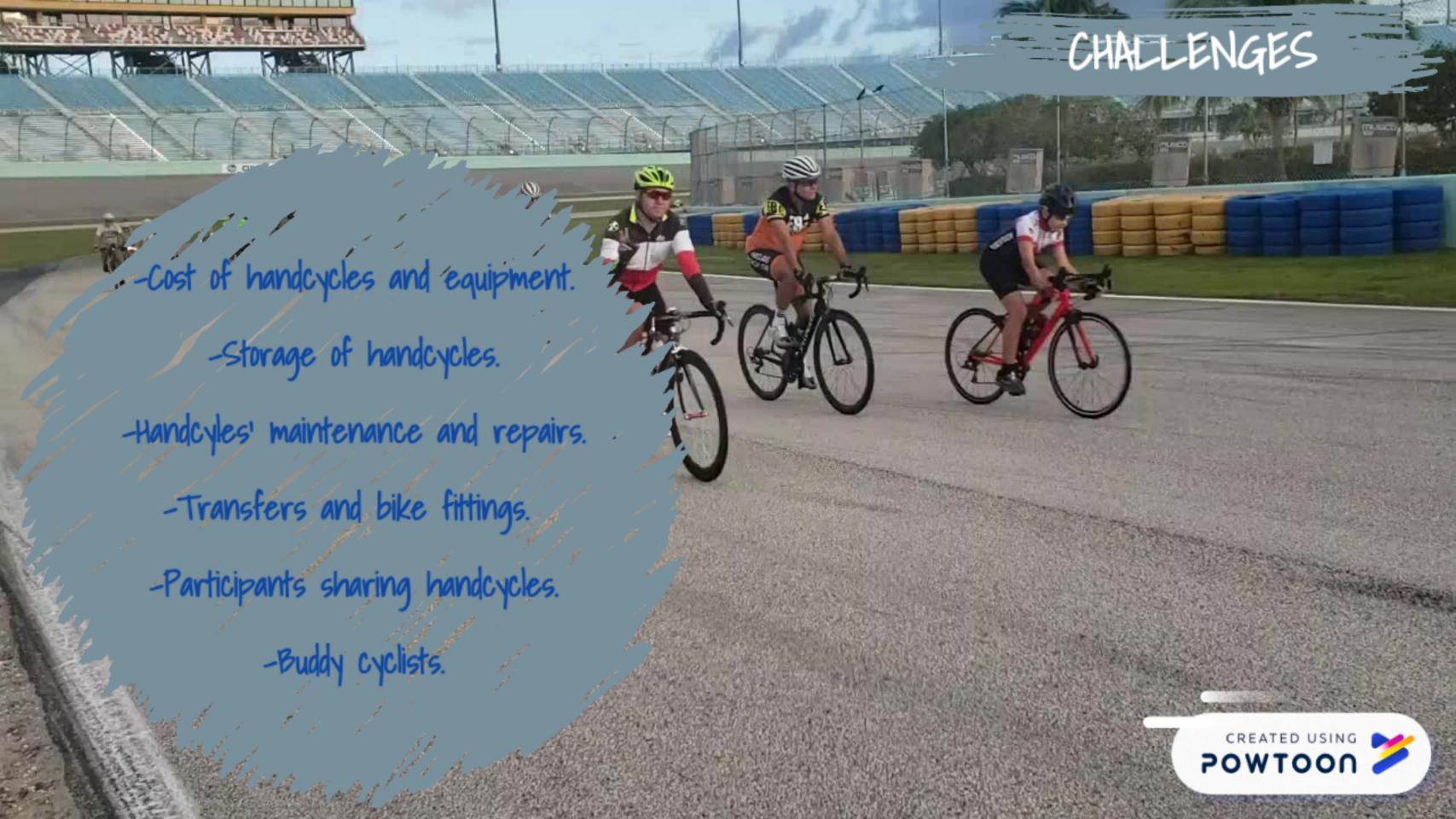
Final Fitting:

A. Does your helmet fit right? Open your mouth wide...big yawn! The helmet should pull down on your head. If not, refer back to step 5 and tighten the chin strap.

- B. Does your helmet rock back more than two fingers above the eyebrows? If so, unbuckle and shorten the front strap by moving the slider forward. Buckle and retighten the chin strap, and test again.
- C. Does your helmet rock forward into your eyes? If so, unbuckle and tighten the back strap by moving the slider back toward the ear. Buckle and retighten the chin strap, and test again.
- D. Roll the rubber band down to the buckle. All four straps must go through the rubber band and be close to the buckle to prevent the buckle from slipping.











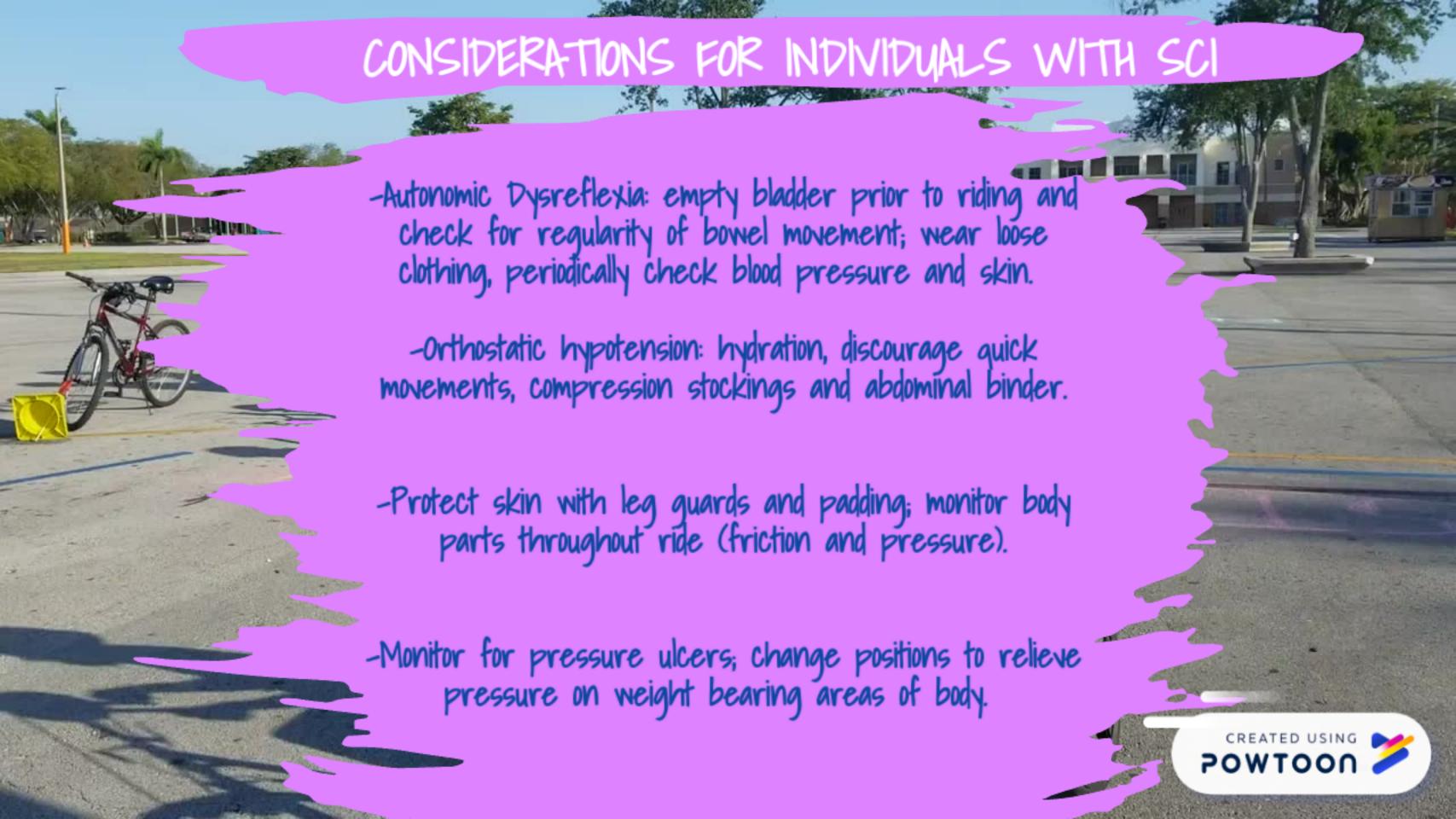


HANDCYCLING PROGRAM ASSESSMENT

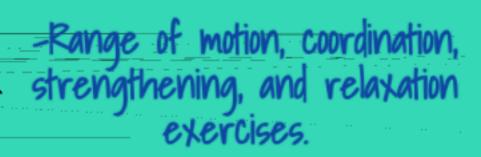


A. Personal Information	
lame:	Birthday:
llergies:	Current medication:
ondition/Diagnosis:	
landcycling experience: First time Beginner	IntermediateAdvanced
History of Autonomic Dysreflexia Seizures Skin breakdown Heat stroke High blood pressure Spasms Fainting Bladder/bowel incontinence Heart problems Pressure ulcers	
Vision problems Back pain Upper body weakness Uses catheter	
B. Personal needs Assessment ransfer ability: Independent Needs 1-person support	Needs 2-person support Needs 3 person-support
referred transfer method:	
hysical limitations: <u>Right_Left</u> lower body paralysis (legs)	Right Left upper body paralysis (arms)
opper body strength:AthleticAverage	Limited
pper body flexibility: Very flexible Average flexibility	y Limited flexibility
runk stability: Controls trunk Needs some s	upportNeeds substantial support
ine motor skills: Can move fingers and grasp N	eeds some help grasping Unable to grasp
ision:GoodLimited	
learing:GoodLimited	
C. Individual adaptations requested	
D. Additional comments	
E. Plan with goals and objectives	



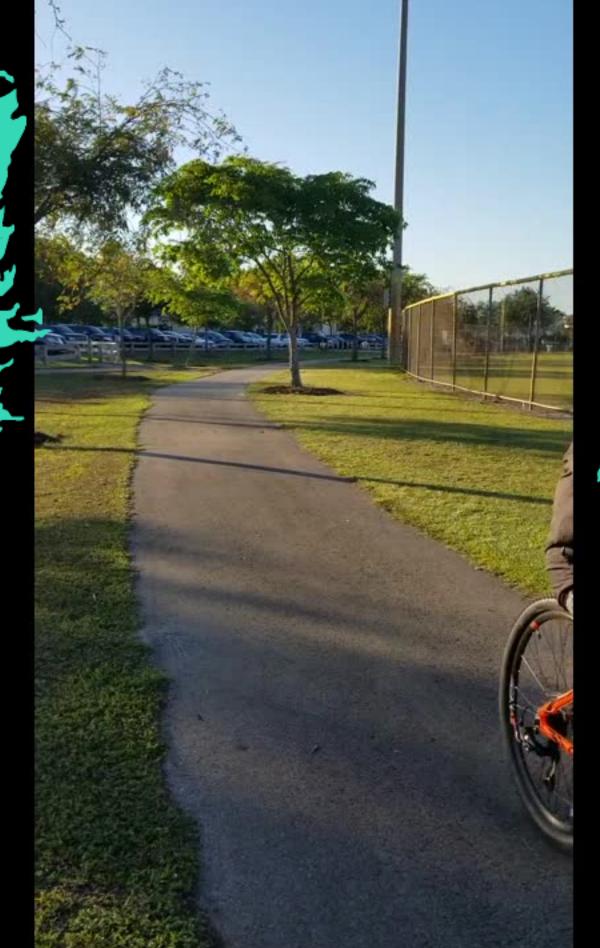


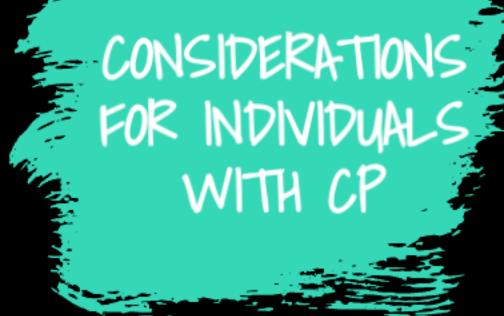




-Use straps to secure muscles.

-Ask about seizure history and triggers.



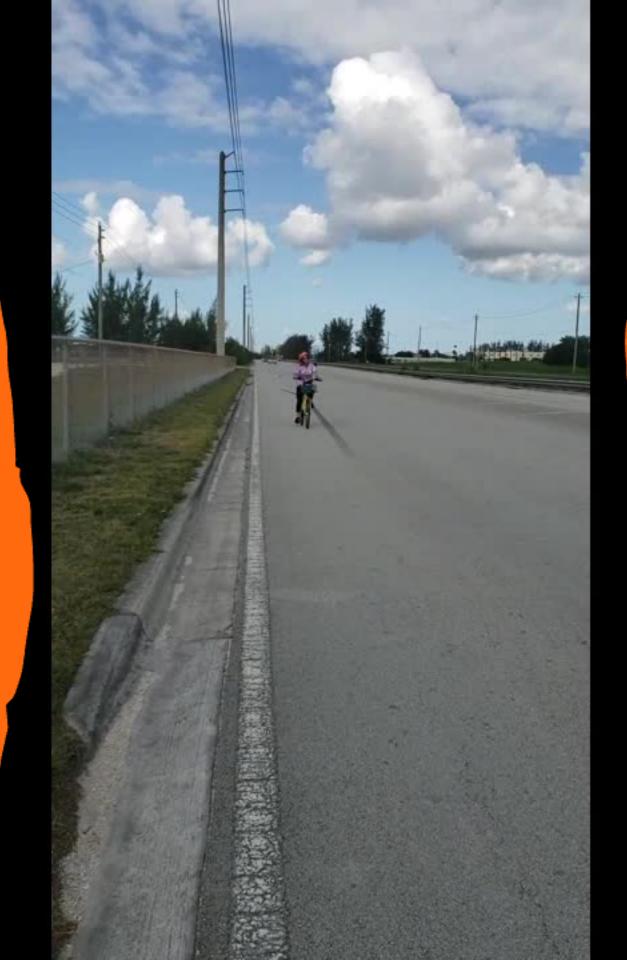




-Avoid riding in extreme heat; allow breaks for cooling off body, and provide cooling towels.

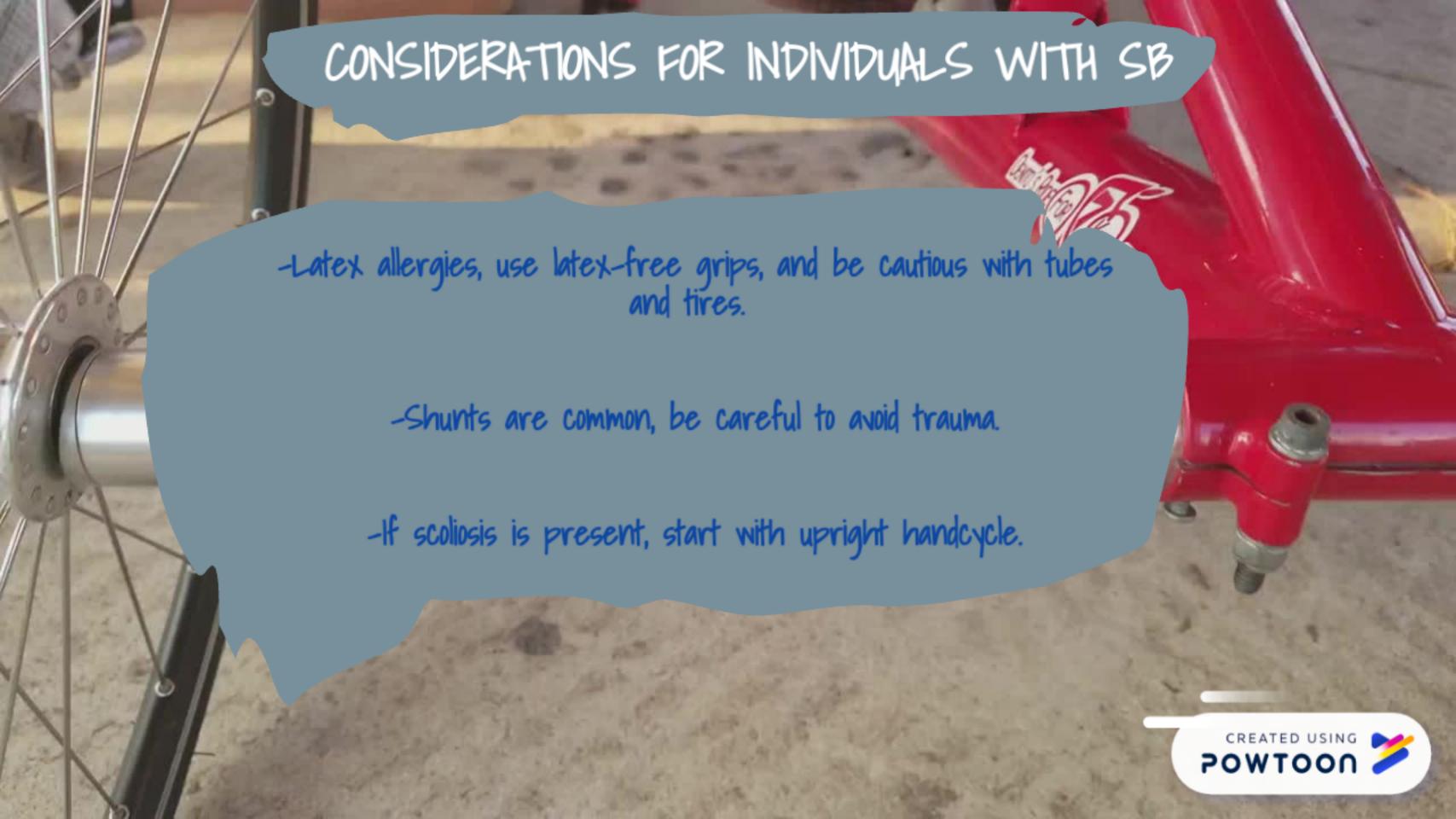
-Work on balance and coordination

-Work on range of motion and strength



CONSIDERATIONS FOR INDIVIDUALS WITH MS











FOR MORE INFORMATION ABOUT THE FLORIDA RECREATION AND PARK ASSOCIATION VISIT







