Our technological development of a new curling delivery stick increases the competition and pleasure of this wonderful sport.
Innovations

Connector and universal joint assembly

Innovations
Connector, Universal Joint and Stick

The universal joint and stud connect the stick to a connector which slides on the stone handle. This provides accurate delivery from a standing position. The stick will have an appropriate grip handle.
The stick is lightweight, cylindrical and extendable. The player, according to his/her height will adjust the ideal length of the delivery stick. For vision and alignment, a darker stick has been proven to be more efficient than a light one.
• The stone can always be brought back to its departure point.

• The universal joint ensures that the central axis and the rotational movement of the stone will be the same as the wrist in a traditional hand delivery.

• The rotation of the stick provides the degree of the turn by staying in the delivery axis of all rotations.

• The delivery of the stone can also be stopped at any time with the proper rotation.
Most of the delivery sticks currently on the market are designed to push from the back end of the stone handle.

The **technocurling stick** is designed to push more accurately from the inside front of the handle. Several contact points of the connector ensure a firm and solid grip of the stone handle.
The materials used, the manufacturing and assembly have ensured precision and quality for this unique **techno Curling Stick**.

This is an asset for some conditional curling players and for different variations of this increasingly popular game. **It is professional and very easy to use.**
Overview

• The “delivery” axis is located on the ice surface and passes through the centre of the stone to the centre of the target.
• The “sight” axis goes from the eyes of the player to the centre of the target.
• The “delivery stick” axis coincides with the delivery axis and the sight axis.
For a precise delivery, the sight axis must be superimposed on the delivery axis, while our delivery stick comes between these two axis being perfectly centered and aligned in all rotations. By scanning, convergence and focus, the eyes are capable in a fraction of a second to grasp objects placed at various distances and to adapt correctly.
Humans think by symmetry, which means they are able to quickly match straight lines. The image of a perfect alignment picked up by the eyes and transmitted to the brain allows the triggering of a delivery without uncertainty and doubt of its accuracy.
There are different ways to deliver a curling stone with a delivery stick. As it is the result that counts, one method rather than another may be preferred.

We used the **techno curling stick** successfully using the following method for a delivery from the standing position.
Standing

- **Gripper on both feet.**

- **Both feet are centered behind starting blocks.** (In accordance with the regulations of curling, the stone must touch the centre line).

- **The stone must be in the centre of the body and properly aligned in the delivery axis.**

- **The elbow and wrist are folded.** (The arm is not an extension of the stick).

*(Standing cont’d)*
• The handle of the stone should be at about 11h or 13h.

• The end of the handle is in the centre of the body at belt height.

• Hand at a distance from the body proportional to desired speed.

• Focus on the target and the required speed.

• Forward at a speed to maintain perfect alignment of the axis.

• Let go of the stone at 12h in a calculated push to the target.
In a traditional delivery or in a wheelchair, the view angle is closer; it may be easier to deliver the stone in the delivery axis.

Standing, we can take a cue on the first hog line and push the stone on it and then be on target for accurate delivery. The alignment is facilitated with the TechnoCurling Stick.
A delivery from a wheelchair requires great dexterity and precision. There are techniques and rules appropriate to this discipline. Brushing is not allowed and therefore more turns are necessary.

So, special **techno**curling **sticks** have been designed to provide an appropriate technique to improve the delivery.
«techno» is used to describe the structural
nature of our new curling equipment and thoroughness in our work.
Hundreds of hours of research and development have resulted in a
line of products that will enhance and improve the sport of Curling.

Our Innovations

Curling Brush
Brush Handle
Curling Shoes
Connector
Timer Buzzer
Curling Sticks
Support Handle Stabilizer
Innovator

Having made a career in engineering at the Université Laval and the Université du Québec à Trois-Rivières, Gaston Gagné reached retirement and engaged in his favourite sport - curling. Working with ice technicians, he introduced a study on the optimum conditions to be achieved within the walls of his curling centre. Noting the importance of cleanliness and maintenance of the quality of the ice, the physical capabilities of the players and the quality of the equipment available, he began the study of improved curling products that would be better suited to a curler’s needs. This led to the design of a unique technocurling stick and more curling products.
Mission Statement:
To improve the performance and satisfaction of all curlers with innovative and uniquely designed equipment.

Share the joy with your own TechnoCurling Stick!

www.technocurling.com