



SPINOLOGICS

Leading the development of improved spinal care™



CONCEPT

DESIGN

PRACTICE

SPINOLOGICS

spinologics.com

289 Desaulniers
Saint-Lambert
Quebec, Canada
J4P 1M8

DESIGN TEAM AND FOUNDERS

Hubert Labelle, M.D.

Full Professor, Department of Surgery, Faculty of Medicine, University of Montreal
Orthopedic surgeon, CHU Sainte-Justine University Hospital.

Stefan Parent, M.D., Ph.D.

Associate Professor, Department of Surgery, Faculty of Medicine, University of Montreal
Orthopedic surgeon, CHU Sainte-Justine University Hospital
Orthopedic surgeon, Hopital du Sacre-Cœur de Montreal

Jean-Marc Mac-Thiong, M.D., Ph.D.

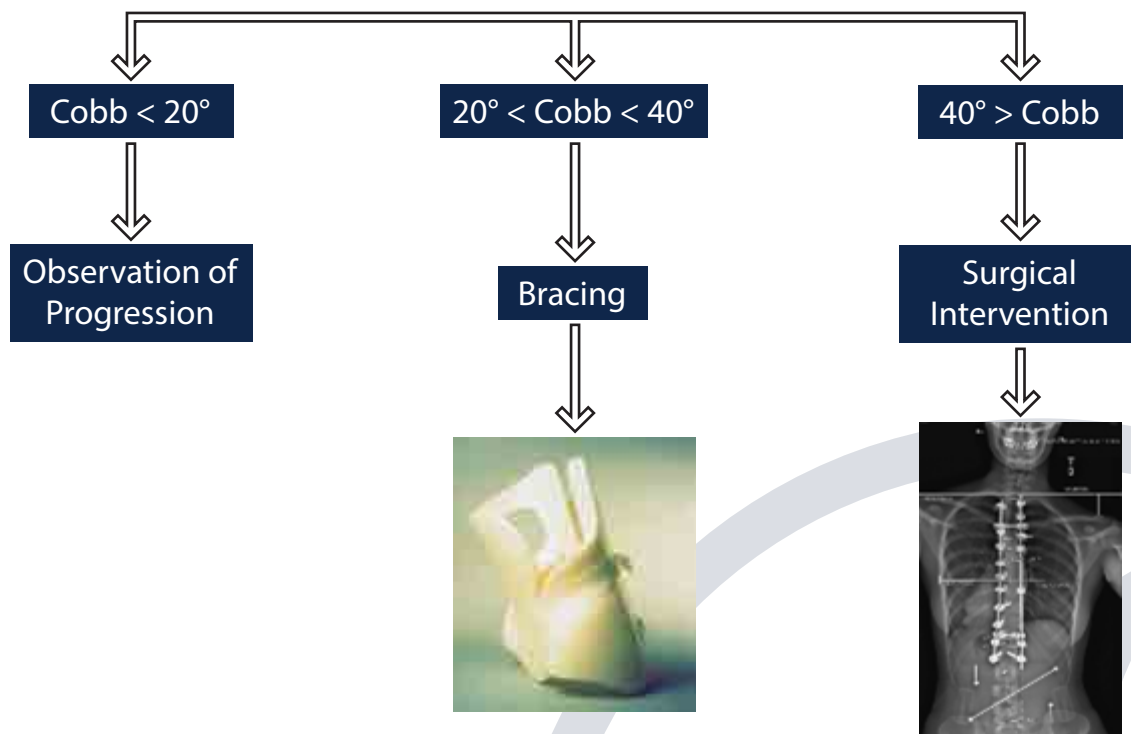
Assistant Professor, Department of Surgery, Faculty of Medicine, University of Montreal
Orthopedic surgeon, Hopital du Sacre-Cœur de Montreal
Orthopedic surgeon, CHU Sainte-Justine University Hospital

Mark Driscoll, P.Eng., Ph.D.

Active member, Order of Engineers of Quebec
Active member, Intellectual Property Institute of Canada

INTRODUCTION

Scoliosis is a spinal deformity which affects about 4% of the population. The scoliotic treatment plan, shown below, is a progressive one because of the possibility of the spinal deformity getting worse. The advised treatment varies according to the magnitude of the Cobb angle which is measured from a coronal radiograph of the spine.



Early detection methods or screening programs that identify patients with scoliosis undoubtedly promotes and facilitates early intervention. Furthermore, these early interventions may deter the deformity from progressing to the point of requiring surgical interventions.

Scoliosis screening is achieved by measuring the angle of trunk rotation (ATR) which is correlated with the severity of spinal deformity. Having a patient bend forward, while the observer stands behind, exposes the angle of maximum deformity via the presence of a rib hump. This is the measure used to gauge the severity of one's spinal deformity.

The Scolioscreen is a tool that allows for all smartphones, with or without a protective case, to be used to screen for spinal deformities. The scolioscreen is made from a durable material and has a specially adapted base which is designed to conform to one's back - which is an important aspect to achieving an accurate measurement.



The Scolioscreen is a device that will work with all smartphones and all APPs measuring inclination angles with respect to the horizontal plane.

The Scolioscreen APP, available at iTunes, was specifically developed to allow the user to measure one's angle of trunk rotation.



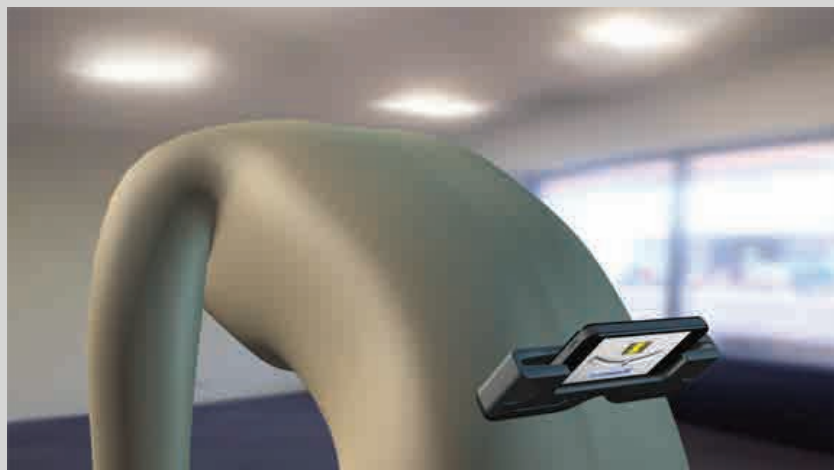
STEP 1: Start level APP and place smartphone in the Scolioscreen sleeve



STEP 2: Have patient bend forward



STEP 3: Position spinal process (spine bump) in the recess of Scolioscreen sleeve



STEP 4: Move Scolioscreen sleeve across spine



STEP 5: Make note of maximum angle and review recommendation



Scolioscreen™

Product number: SLS-500K

Indication for use: The Scolioscreen™ is designed to estimate spinal deformity severity by measuring the angle of trunk rotation.

General: The Scolioscreen™ is a simple and convenient apparatus to screen and measure spinal deformities.

Storage: Store at room temperature.

Contraindications: None known.

CAUTIONS: The Scolioscreen™ does not replace the diagnosis of a medical physician as it serves as a facilitate spinal deformity screening. Read enclosed instruction before use.

Spinologics Inc
289 Desaulniers, Saint-Lambert, QC, Canada, J4P 1M8
www.spinologics.com, info@spinologics.com, 514-889-2915

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