



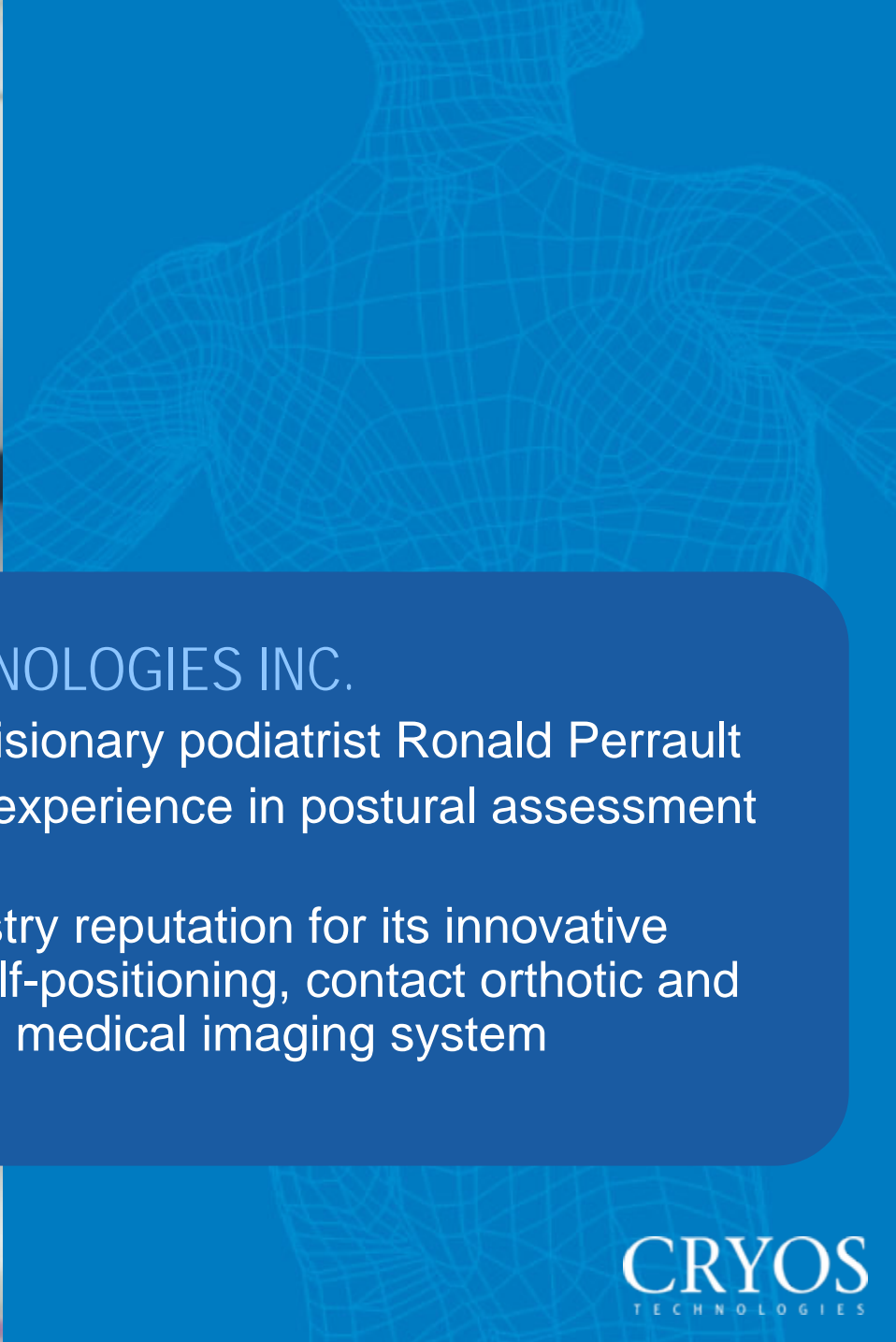
POSTURAL WELL-BEING – MADE SIMPLE

BIOVIZION MEDICAL IMAGING SYSTEM  
A CORNERSTONE OF THE MODERN CLINIC

PFOLA CONFERENCE  
Vancouver, 2005

Today, can the modern medical professional effectively treat patients without the means to not only accurately measure the results of those treatments but also to clearly and simply communicate them to the patient ?



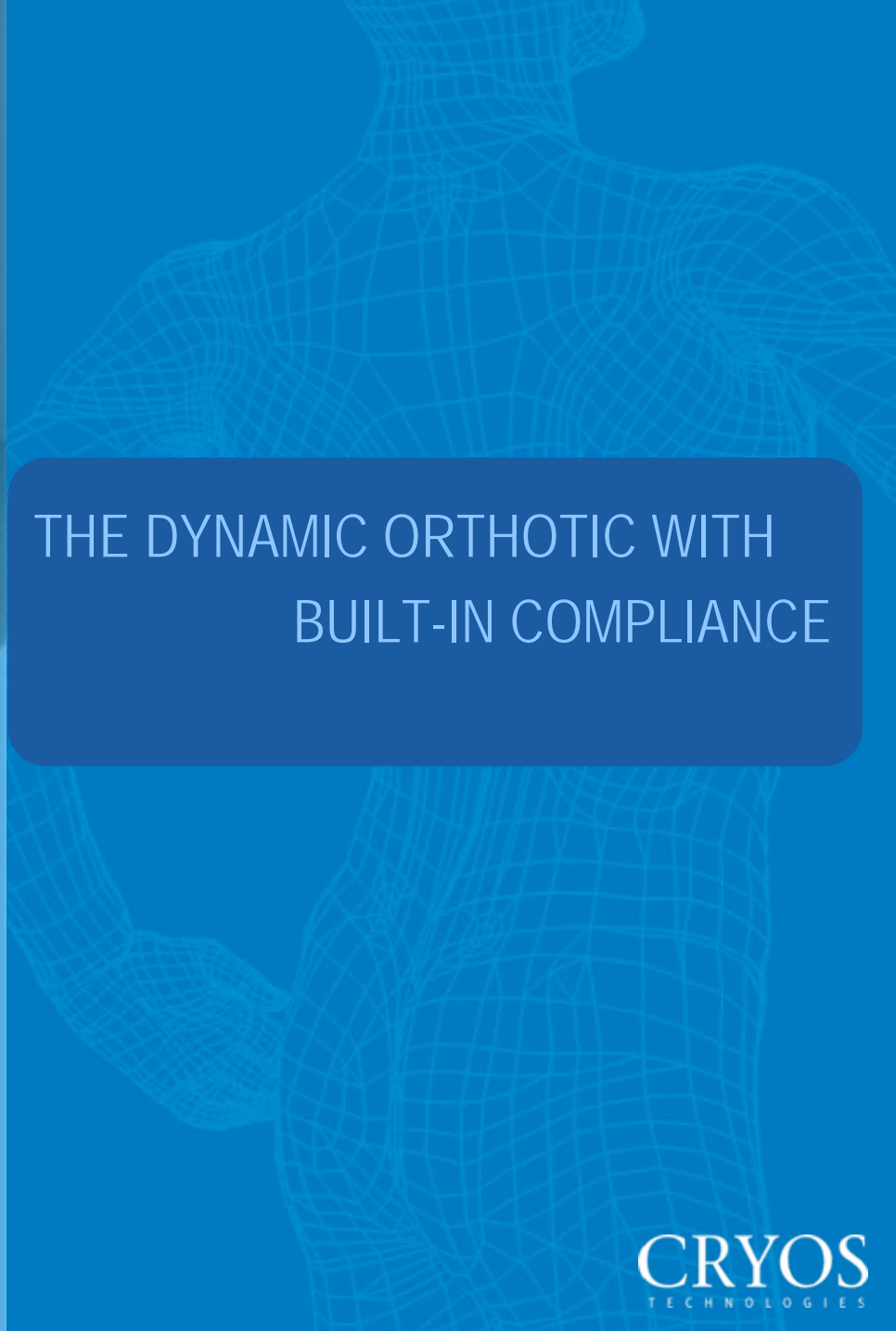


## ABOUT CRYOS TECHNOLOGIES INC.

- Founded in 1994 by visionary podiatrist Ronald Perrault
- 25 years of R&D and experience in postural assessment and correction
- Cryos enjoys an industry reputation for its innovative products; the Cryos self-positioning, contact orthotic and BioVizion non-invasive medical imaging system



THE DYNAMIC ORTHOTIC WITH  
BUILT-IN COMPLIANCE



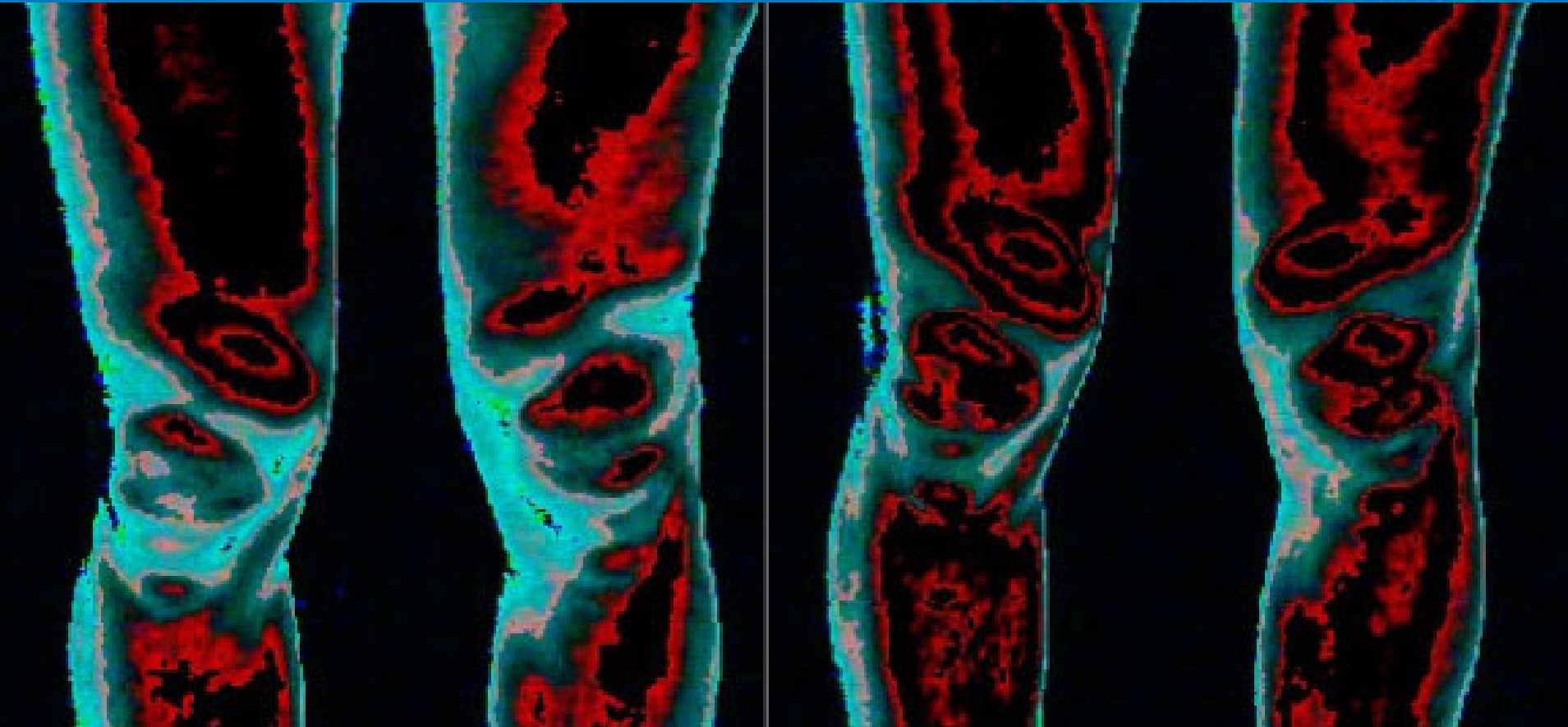


BIOVISION IS AN EXCITING INNOVATION IN  
NON-INVASIVE, MEDICAL IMAGING SYSTEMS.

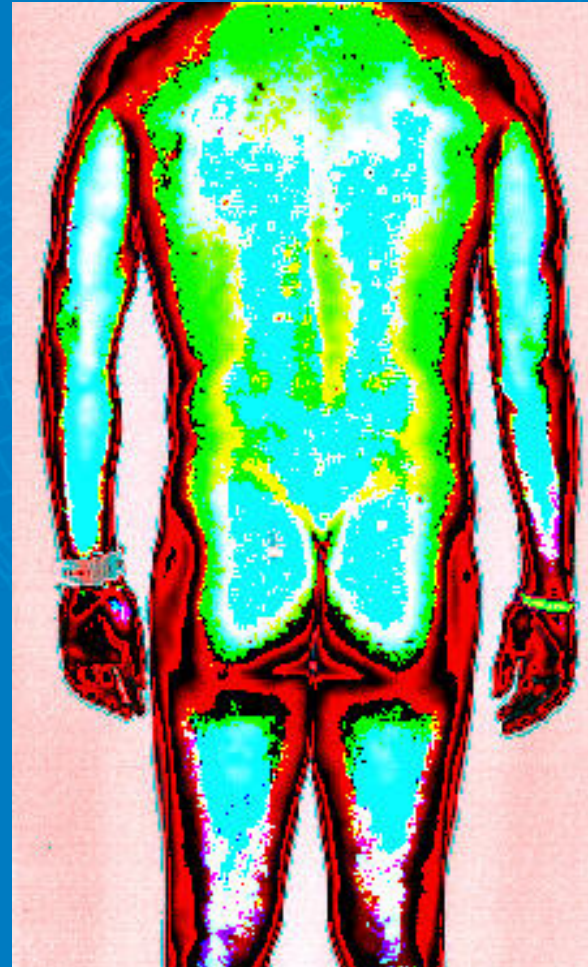
It is based on the simple concept of capturing and filtering  
the effect of changing light reflections off of the skin surface.

BIOVIZION PRODUCES HIGH QUALITY, FULL-COLOUR, GRAPHIC MAPPINGS OF THE SKIN SURFACE

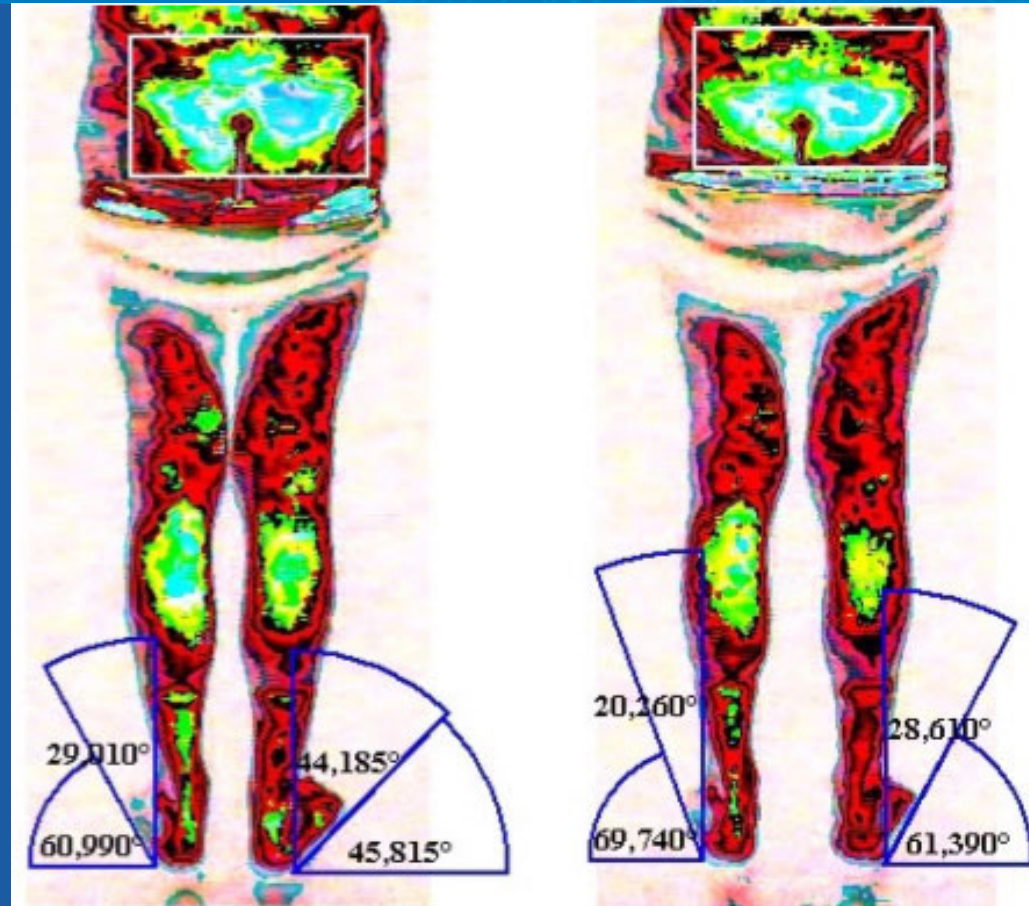
clearly highlighting variations caused by postural, structural and muscular pathologies and inconsistencies.



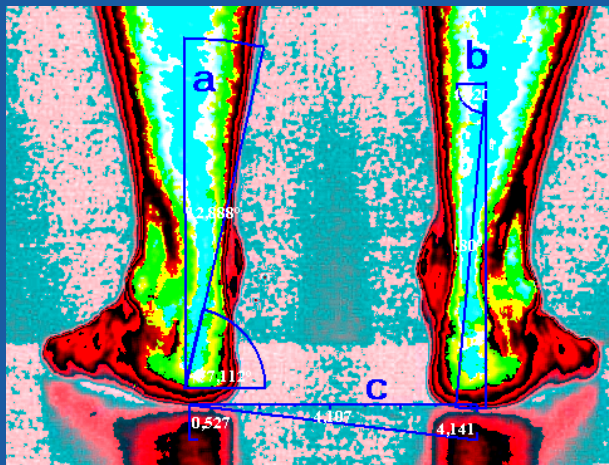
# BEFORE AND AFTER TREATMENT PICTURES



BIOVIZION PROVIDES TOOLS TO ACCURATELY AND RAPIDLY MEASURE ANGLES AND DISTANCES TO COMPLETE DIAGNOSIS and, more importantly, to provide a basis for future comparison.



Well known angles like calcaneal and Q angle are easily measured.



## RELIABILITY

BioVizion's functions have been scientifically and clinically validated.

Foot angles (n=20)	Number trials (1 to 7)	Inter-tester (5 testers)
ICC Mean $\pm$ S.D.	0.98 $\pm$ 0.06	0.90 $\pm$ 0.14
ICC Minimum	0.72	0.79
ANOVAs ( $p \leq 0.05$ )	Not significant	Not significant

## RELIABILITY - CONCLUSIONS

- Single set of images required for accurate assessment
- Between trial and Inter-tester reliability (very good to excellent)
- Color-coded video-based system quick and clinically relevant for body posture and foot evaluations

(Research collaboration with University of Montreal 2001- 2005)

## VALIDITY

BioVizion's functions have been scientifically and clinically validated.

Foot angles	Radiology (n=12)	3D video (n=4)	Goniometer (n=4)
R Pearson Product-Moment Correlation	AP: $0.90 \pm 0.11$ ML: $0.94 \pm 0.03$	_____	_____
T-tests Dependent samples ( $p \leq 0.05$ )	6 of 8 parameters	Not significant	Not significant

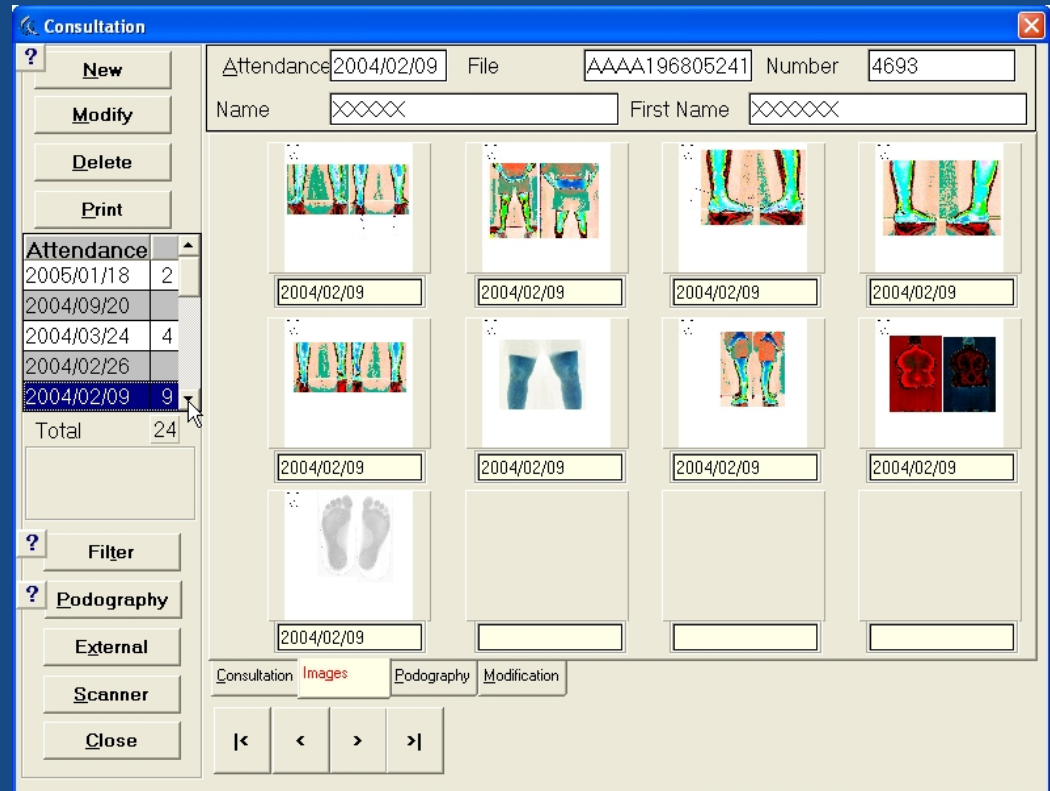
## VALIDITY - CONCLUSIONS

- Differences in means of angular values between radiology and BioVizion
- Significant relations between angular values from radiology and BioVizion
- No statistical difference between angular values from 3D kinematic system, goniometer and BioVizion

(Research collaboration with University of Montreal 2001- 2005)

# BIOVIZION IS NOT JUST AN IMAGING SYSTEM

It comes with a full software package to assist you in managing the images. Its patient file management capabilities are the key benefit that the system offers: It provides the basis for a structured and credible follow-up.



**Patient file Mode.: Add**

File  Reference  Open

Number

Name  First Name

Address  City

Province  Country

Area code

Home  Office

Birth  Old

Civil state

Sexe  MALE  FEMALE  Children

Spouse

Metric

Occupation

Height  fe  m

Weight  po  kg

Birth

Size  u.s.  EURO

Height  fe  m

Father

Weight  po  kg

Mother

Insurance

Tutor  Practition

General | Consultation | Historical | Medical Info. | Evaluation | Treatment

Navigation: |< < > >|

OK Cancel

Left sidebar buttons: New, Modify, Delete, Print, Select, 1 File, 2 Number, 1 Reference, Consultation, Declaration, Prescription, Capture, Transfer, Close

## AN INTEGRATED SYSTEM FOR THE MODERN CLINIC.

The BioVizion software package permits the integration of all key clinic management functions around the patient file – patient profile, treatment notes, image history, reports, appointments and billing.



TODAY IT IS NO LONGER ENOUGH TO UNDERSTAND you must be able to clearly communicate with the patient what you are doing and why. BioVizion provides the means for more effective communication with the patient leading to greater confidence, improved compliance and more effective treatment.

## BIOVIZION – AN INVESTMENT IN MORE EFFECTIVE TREATMENT

- More complete and quicker diagnosis
- Structured and credible follow-up
- Patient understanding and confidence





## BIOVIZION – AN INVESTMENT TO IMPROVE THE ECONOMICS OF THE CLINIC

- Higher productivity – able to see more patients without compromising on quality of intervention
- Proactive in patient follow-up – changes fundamental relationship with patient from short term, crisis driven to long term, prevention driven
- Higher patient satisfaction means greater perception of value
- A true point of difference in an increasingly competitive environment



BIOVIZION – A PROVEN AND  
ETHICAL WAY TO BETTER  
SERVE YOUR PATIENTS;

A SIMPLE WAY TO IMPROVE  
THE ECONOMIC  
FUNDAMENTALS OF YOUR  
CLINIC



POSTURAL WELL-BEING – MADE SIMPLE

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