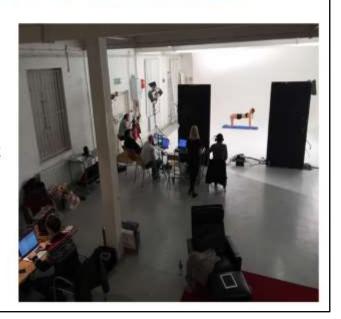


Many thanks to the SMA for inviting me to chat today on Harnessing technology and exercise intervention to optimise patient outcomes

Professional exercise videos in HD with narration

A big step forward in consistency and details provided to the client with ability to individualise:

- 1) printed out as patient handout
- send as video files to Physitrack patient App
- Potential for a variety of languages.
- 4) New and updates exercises as research provides insight.



OPTIMISING QUALITY - 3rd INGREDIENT – Resources continued – Quality of Video production

Talk about the experience of creating 250 exercise narration and then filming of the exercises at the BBC in London with our own designated Producer.

During my last lecture Tour of Europe earlier this year, I spent time with James our Producer, recording content for our Bounce back inline training modules to allow health professionals world wide to be trained in and utilise the extensive Bounce back programs for neck back and hip pain. Our aim in the future is for more body areas and sport specific issues to be addressed with evidence based exercise programs which are reproducible and can be further refined over time.



How did the digital idea take shape









Meeting of people and combining professional skills

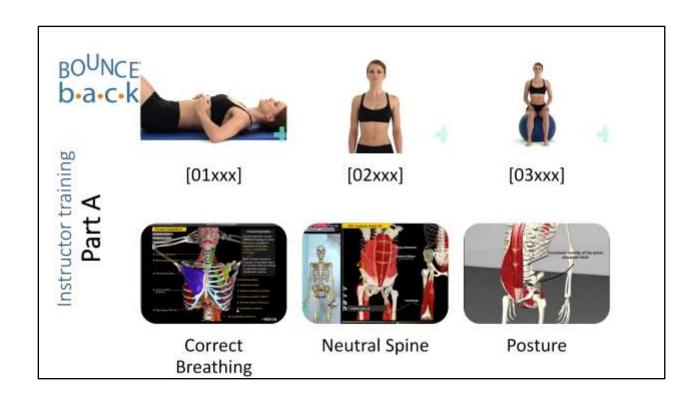




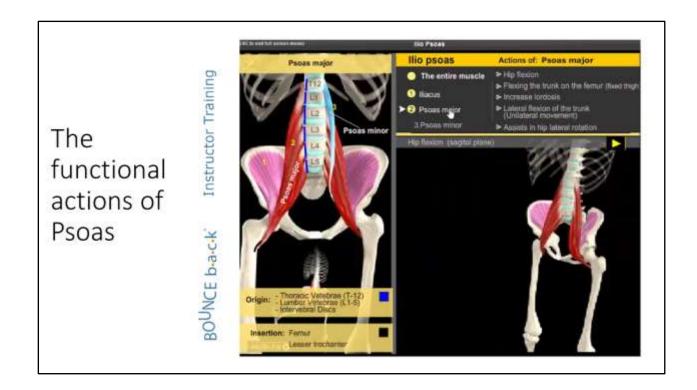


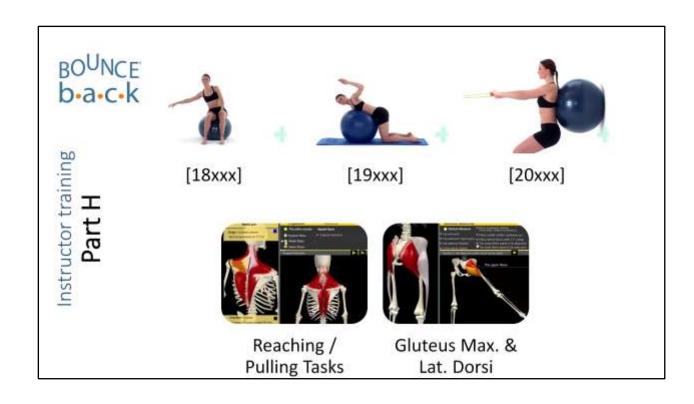


Online training: Bounce back Theory, research and structure. General Instructor Training Click on the tabs along the top of the videos and see the content of each Section in the Playlist panel to the right of the video. Home Bis Institutors Intro Videos Concepts Anatomy Other Relevant Content Session 1 The Role of Proprioception in Muscle Control Phance Books Books Representations Session 2 Muscle Inhabitances of the Inhabitances of



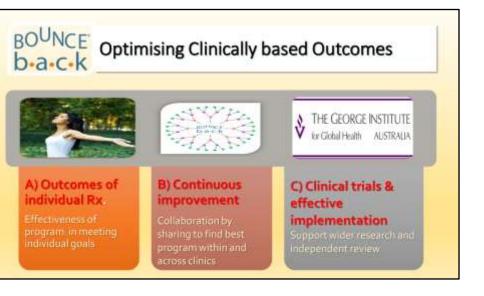






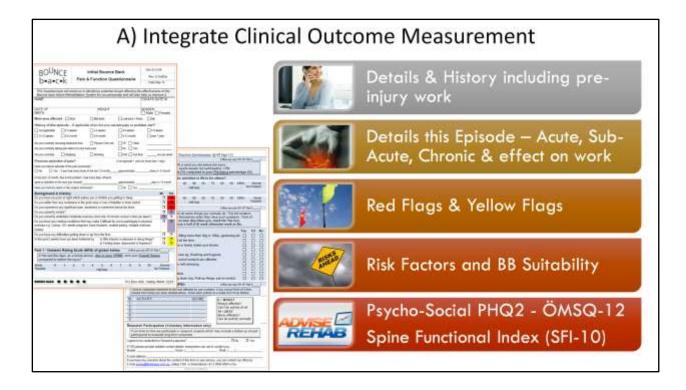
Online education: Presentations, white papers & research

- 1) White paper: Dynamic slings and optimal 3D function...
- 2) Template to use for education evenings: Dubai World conference for Low back pain on Bounce back and 2 year follow up research. : http://www.bbclasses.com.au/files/60.pdf
- 3) Review of ICSI I have summarised the finding in the following article: **Guidelines for Adult Low back Pain** by Trish Wisbey-Roth <u>- BB Article Review 2012-1</u>
- 4) Here is the link to the entire 90 page document with Summary tables of most relevant research in the area of Low back pain Link to ICSI Musculo-Skeletal Disorder Main Page



To optimise Clinically based outcomes

- A) Continue getting individuals better
- B) We need to evaluate and continuously improve on our interventions and "Recipes" as a network of like minded professionals
- C) Opens up the possibility of efficient & clinically relevant research and involvement with larger Research Institutions

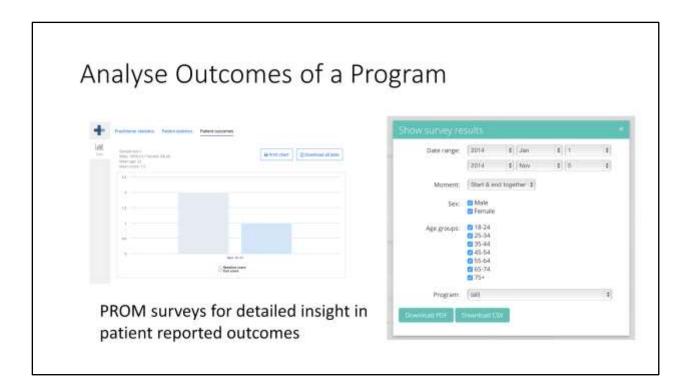


OPTIMISE OUTCOMES – INDIVIDUAL TREATMENT / PATIENT

At Bounce back we have been working for several years on producing a user friendly electronic questionnaire but could not find a practical, user friendly and cost effective delivery method

With Physitrack cost effective distribution is now possible making long term follow up of client outcomes a possibility. It is possible to continue electronic follow up for 2 years or more after intervention.

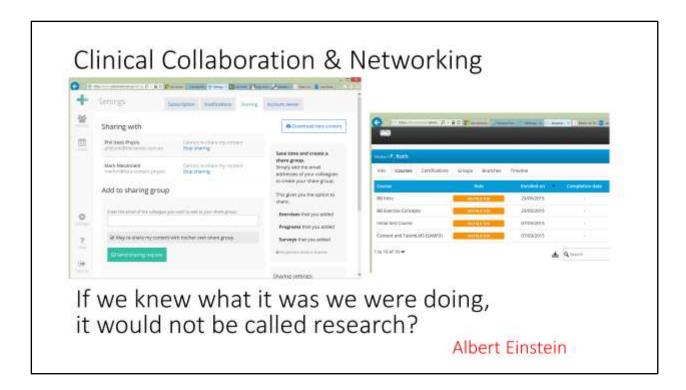
Long term follow up is an important part of quality assurance as well as an exciting avenue for collaboration for Clinical research



OPTIMISE OUTCOMES – REVIEW SIMILAR TREATMENT or PATIENT

PROMS: Patient reported Outcomes

Results of a variety of patients with similar issues and a variety of Practices running the similar Bounce back program, will allow us to analyse and review outcomes to continually evolve and improve functional results from a group feedback system.



OPTIMISE OUTCOMES - SHAPING THE FUTURE

Sharing information and effective programs both from Bounce back head office, fellow Bounce back agencies and from Health professionals with special interest or extensive knowledge in a sport or area helps to move our clinical knowledge forward.

The next big step is using the combined resources of Bounce back, Physitrack & private practice groups with research Institutions such as the George institute and Key target Industries or stake holders to create high quality clinical research to shape the future in Optimising Outcomes of exercise intervention and injury prevention



OPTIMISE OUTCOMES - SHAPING THE FUTURE OF PREVENTION

Bounce back is currently working with the George Institute investigating the effects of a preventative multipronged exercise and education intervention for Low back pain.

Following a grant from Workcover NSW, its exciting to commence work with key Industry leaders to trial a such an intervention within the workplace aimed at decreasing the current 70% recurrence rate for Low back pain.



TOPS Trial Of

Prevention
Strategies for low
back pain
MATTHEW STEVENS
PhD Student, Musculoskeletal

The George Institute for Global Health | AUSTRALIA

Exercise and Education for the Prevention of Low Back Pain in a Working Population.



Study Information

Background

Back pain is the health condition that carries the greatest builden in Assendier accounting for 25% of all implor workplace injuries. In Australia, the direct and indirect cases are estimated to be over 50 billion attractly.²

Abbraya interventions such as exercise are commonly believed to prevent LBP this is in stack common to the stakence as there is very little in surpoor interventions to prevent back pain. There is invafficient information for health policy makers or industry to judge whether exercise programs to prevent recurrences of LBP represent value for money and are a wise investment. Our trial wall provide this important information.

Aim

To establish the offectiveness and cost-offectiveness of group based exercise and education classes compared with a manufal insurentian control as preventing recurrence of how bock pair. About Trish Wishey-Roth

Trish is an Australian Sports Physiotherapy Specialist in the lumbopelvic region and been avolved with Australian sporting teams at the National, World Championship and Olympic level.

Trish's ability to combine extensive clinical experience in optimising function and physical outcomes with the latest research, led but to create the BOUNCE Back Active Behabilitation Systems with over 65 sites running the program in Australia and NZ. (www.bounceback.edwist)

Trish loctures extensively in the area of rehabilitation and is currently collaborating with the George Institute and Head Researcher Chris-Moher, investigating the effects of exercise intervention on the recurrence rate of low buck.







Charlotte Marshall Physiotherapist

Centre for Health, Exercise & Sports Medicine, Department of Physiotherapy | Melbourne School of Health Science

NHMRC Clinical Trials Centre

The PANTHER Study

Does the addition of (Physitrack) to usual physiotherapy treatment improve patient adherence levels?

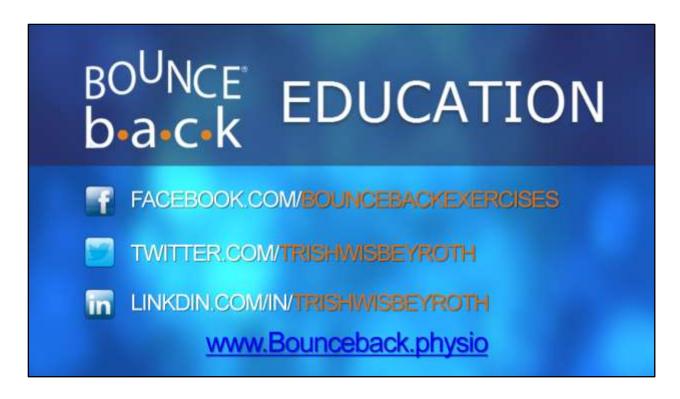
IVRS Randomisation System PIN Number

Patient AdhereNce To Home Exercise pRograms (PANTHER)

Study Manual



Centra for Health, Earrice & Sports Medicine Department of Physiotherapy The University of Medicurne 161 Barry Street Victoria 3010



STAY IN TOUCH

Many thanks to the SMA for their support and interest and in particular to the amazing CEO Nello and SMA PR super giant Erin

Now I am happy to sit back and answer some questions or hear your comments