

Consult and Treatment

At Stem Cell NZ we prefer our prospective patients to be well informed. We will be pleased to send useful literature regarding PRP and answer any questions you may have.

Our rooms in both our Wellington and Richmond Lower Queen Street Centres are spacious, welcoming and well equipped

Normally a single visit only is required. There will a discussion with our highly qualified physician regarding your particular problems and ensuring PRP may help you

A 30-60ml sample of blood will be drawn and then processed through the SMARTPREP 2 system. This is a sterile, closed system. All disposables are single use, throw away

The fractionated PRP will then be administered either into the joint or around the affected tendon after instilling local anaesthetic to ensure the procedure is as comfortable as possible.

The regeneration process then commences. Clinical benefits normally become apparent by 6 weeks and are then often progressively positive.

We ask patients to avoid the use of anti-inflammatory agents for at least 48 hours prior to clinic visit.

The Clinical Team

Dr Robert DeBoyer holds both the MRCP and MRCP qualifications (the latter normally being the remit of specialist physicians). Following a hospital post in rheumatology at the Royal London Hospital Robert acquired a life-long interest in joint and tendon disorders...

Rhona DeBoyer, a director of 3 companies, is known for her interest in the Medical field and clients will find her informed and empathic nature reassuring



Contact details

Telephone 0800 STEMCELL
(0800783623)
R.DeBoyer@xtra.co.nz
www.stem-cell.co.nz

Stem-Cell NZ

A Revolution in Joint & Tendon Regeneration

Dr Robert DeBoyer
BMedSci (Hons 1st) BM BS DRCOG
MRCP(UK) MRCP

Rhona DeBoyer
Clinic Director



Stella Maris, Fettes Crescent
Seatoun, Wellington

The Specialist Centre, Lower
Queens St, Richmond, Nelson

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Introducing STEMCELL NZ

Degenerative joint and tendon disorders are a cause of discomfort, disability and concern to affected patients. Discomfort is due to the liberation of inflammatory substances associated with joint swelling, pain and limitation of movement. Concern relates to the adverse effects of medications and particularly with degenerative conditions most patients realise the end stage treatment is joint replacement. Whilst highly successful joint replacement involves considerable down time, is invasive, associated with risks (both operative and otherwise) and has a defined lifespan before subsequent surgery may be required.

There is another option- Joint regeneration. The body has its own potential to repair and rebuild. The secret is to tap into mother-nature's own repair potential and activate the regeneration process.

Regeneration involves stem cells. These are primitive cells found within body tissues which have the capacity to divide and rejuvenate any body tissue

At STEMCELL NZ we use your own stem cells to trigger the regeneration process

Platelet Rich Plasma (PRP)

PRP is at the cutting edge of a biomedical revolution

In essence a sample of your blood is submitted to optimized fractionation using a specialised centrifuge (The SMARTPREP 2). This is considered the 'Gold Standard' in PRP technology and has been used in well over a million procedures.

The PRP is separated and then is available for treatment.

Unlike other systems the SMARTPREP 2's patented PRP separation process produces a white blood cell count that is contains 100% more mononuclear white cells compared to whole blood. This is important as Stem Cells (defined by a marker CD34+) reside in the mononuclear fraction.

Whilst whole blood has a negligible Stem cell content SMARTPREP2 PRP delivers a total of 171,500 CD34+ cells.

Compared with whole blood SMARTPREP2 PRP contains nearly triple the amount of Stromal Derived Factor (SDF)-1 alpha. SDF-1 alpha is instrumental in directing stem cells to the site of injury. This starts the regeneration process

How might PRP help YOU

At Stem Cell NZ we are interested in the concept of joint and tendon /ligament regeneration.

Common indications for the use of PRP include degenerative joint disorders (eg osteoarthritis of the knees, shoulders etc) and the tendonopathies (Frozen shoulder, Achilles tendonitis, tennis/golfers elbow etc).

The use of PRP in degenerative joint disorders is common place (particularly in the USA) with a rationale of cartilage regeneration. This should reduce the symptoms (pain, stiffness and swelling) and delay the requirement for more invasive techniques (Joint surgery)

The use of PRP in tendon and ligament injury has been embraced by professional sports persons throughout the world. It is widely publicised Tiger Woods and many professional baseball pitchers have successfully been treated with PRP.

In essence therefore PRP has a wide range of indications spanning across the sports injuries to treatment of degenerative joint disorders.

The beauty of the treatment is it relies on your own body to regenerate and repair itself