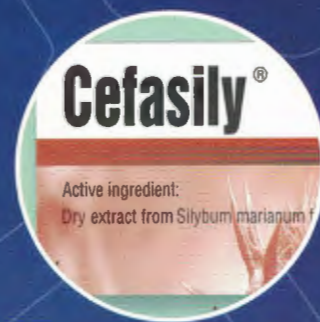
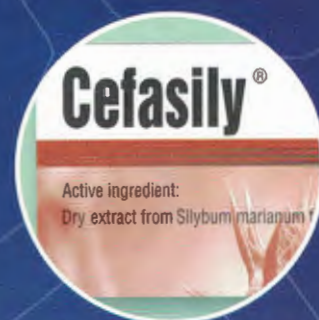


Towards a **Safer**
Choice



Towards a **Safer** Choice



Malaysia's first ever Diamagnetic Therapy® Centre for Pain Management



**Diamagnetic Therapy® is effective
for conditions such as:**

- Frozen Shoulder
- Lower Back Pain
- Stiff Neck
- Sports Injuries
- Joint Pain
- Rheumatic and Inflammatory Diseases
- Golfer's / Tennis Elbow
- Osteoarthritis



CTU-Mega 18 Diamagnetic Device

**For more information on how to manage your pain, please call our
Hotline @ 03 5525 4343 for a centre near you.**

A subsidiary of



Winner of



Bio-Pharmaceuticals Sdn Bhd (514236-M)

No. 48-2, Jalan Sg. Burong AA 32/AA, Seksyen 32, 40460 Bukit Rimau,
Shah Alam, Selangor, Malaysia

Tel: +6 03-5131 9342 / +6 03-5131 9343 Fax: +6 03-5131 9344

Email : info@biopharmaceuticals.com.my

CEO Address

Dear Doctors, Pharmacists and Colleagues,

First and foremost, we at Bio-Pharmaceuticals would like to take this opportunity to wish everyone a very Happy New Year. The previous year has been extremely phenomenal and things are looking very promising for us in 2015. We passed significant milestones – with the opening of 4 new Diamagnetic Physio Centres and becoming the sole distributor in Malaysia for the revolutionary and patented Spinz Double Gear Belt.



Our theme for this issue is "Approaches to Pain in different perspective". Also in this edition, I would like to present you with our continued efforts to improve the quality and selection of pain treatments with Diamagnetic Physio Centre.

On that note, I am also very excited to share the Spinz Double Gear Belt which we rolled out a couple of months back. With its ground-breaking patented design, the Spinz Double Gear Belt provides ultimate comfort, practicality and support for those that suffer from pelvic or lower-back pain.

In our effort to cater to the growing demand for non-invasive pain treatments, more Diamagnetic Physio Centres will be opening up in new locations. We are proud to announce that Diamagnetic Physio Centre is now in Johor Bharu and we are in pipeline to tap into the Singapore market. We see this serving as a platform for us to venture into the rest of the ASEAN market.

We value your comments and feedbacks and if you have any, do not hesitate to drop us a message on our Bio-Pharmaceuticals or Diamagnetic Physio Centre Facebook pages.

Till our next bulletin, we would once again like to wish you a very Happy New Year and the very best for 2015.

With my very best regards,
Albert Yesudian
CEO

Company Info

About Bio-Pharmaceuticals Sdn Bhd

Bio-Pharmaceuticals was incorporated as BioPharm back in 1991, as a regular pharmaceutical supplier to the medical fraternity. The Founder of the company, Mr. Albert Yesudian brings with him extensive years of experience with his involvement in the healthcare industry in particular the pharmaceutical industry for the past 30 years. He is principally responsible for the Company's strategies and directions.

Our popular product ranges then were, Balance Elastin E Cream and Aqua Dermis. However in 1992, the company embarked on a series of innovative sales and marketing initiatives to extend the product base and at the same time to establish stronger ties with key customer groups.

The efforts resulted in us successfully acquiring a range of phyto-pharmaceutical products (plant based pharmaceutical products), which in return allowed us to redefine our role in the Malaysian pharmaceutical industry. We aim to build a reputation as a company that not only provides safe; evidence based pharmaceutical products but also a company that does not compromise on quality. Thus, we established a corporate philosophy - "Towards A Safer Choice".

In 1994, the growth of our business was further enhanced with our appointment of a distributor. Since then, we have associated with some of the world's best-known phyto-pharmaceutical companies.

For further inquiries, please contact:-

Mr. Albert Yesudian, Group CEO / Managing Director

Tel: + 6 03 5131 9342 / + 6 03 5131 9343

Fax: + 6 03 5131 9344

E-mail: albert@biopharmaceuticals.com.my

karen@biopharmaceuticals.com.my

Diamagnetic Physio Centre Booth



Now in its 5th consecutive year, the NST Autoshow 2014 held at Matrade Exhibition and Convention Centre in Kuala Lumpur over the Nov 14-16 weekend was a great success!

As Platinum sponsors for the classic car show, Diamagnetic Physio Centre had a booth at the autoshow. Visitors got a chance to get some valuable advice from the trained physician and physiotherapist about our alternative pain treatment services provided and walked with some exclusive goodie bags.

CME

Continuing Medical Education



Spearheaded by Dr Muhammad Atif Tarar, the Regulatory & Hospital Sales Manager at Bio-Pharmaceuticals, the CME programme aims to improve the quality of health care and advancing the practice of medicine by providing evidence-based, up-to-date and clinically relevant information.

This time, held at the Gleneagles Penang, the CME programme saw Malaysian Medical Association (MMA) members along with numerous GP's from across Penang in attendance. Working towards predetermined goals, the talks and activities involved in the CME enriches the learning experience for the medical professionals and provides professional networking.

Alternative Pain Treatment

Treating Pain with Diamagnetic Therapy

Physiotherapy is an alternative treatment for several types of ailments such as joint stiffening, muscle aches and weakening, stroke or neurological conditions.

Adults whose bodies have undergone years of strain commonly experience back and neck pains. Physiotherapists apply a hands-on, one-on-one approach in treatment by first establishing individual complications through examination, then carrying out evaluation, diagnosis and physical intervention.

Physiotherapists are trained in manual techniques that improve mobility, relieve pain, restore function and limit disability. They are also knowledgeable in body mechanics and the various therapeutic exercises that best suit a patient's needs.

Understanding different types of pain

Understanding different types of pain

The first vital part of physiotherapy is examining the body to correctly identify the type of pain.

Pain can be difficult to diagnose, especially since it can be tough to accurately describe the sensation that causes discomfort.

Nociceptive pain is caused when special nerve endings – called nociceptors – are irritated. This is the pain you experience when you burn yourself, twist your ankle or stub your toe. It is usually controllable and temporary but chronic diseases such as cancer or arthritis can also be causes. This type of pain typically responds well to pain medications, anti-inflammatory agents and other drug therapies.

There is also neuropathic pain, which occurs when there is actual nerve damage. Nutritional imbalance, alcoholism, toxins, infections, autoimmunity or a tumour pressing against the nerves can damage the neural pathways, causing pain. It is described as a burning, heavy or numb sensation.

A non-Invasive multifunctional therapy

A non-Invasive multifunctional therapy
Diamagnetic therapy utilises an energy transfer system through a high-intensity magnetic pulse, creating stimulation at a cellular level. This allows for deeper penetration than traditional electrical therapy and prevents aggravation of the inflamed tissue. The effective control and management of pain assured by this therapy aligns with restoring mobility to patients for a better quality of life.

Diamagnetic therapy also promotes accelerated tissue repair, the movement of cellular liquids encourages drainage, which is important in the repair of affected tissues. A study by Panacea Clinical Research, a

research body that provides clinical research solutions and investigational trial support to medical device companies, found diamagnetic therapy to be effective for patients suffering from osteoarthritis. This therapy also works on numerous other conditions such as frozen shoulders, lower back pain, stiff neck, joint pain, rheumatic and inflammatory diseases, tennis elbows and sports injuries.

Diamagnetic therapy is applied in orthopaedics and trauma to alleviate skeletal and spinal tissues, traumatic and degenerative lesions, formation of bony calluses, slipped discs, fractures and pseudarthrosis. It is also utilised in sports medicine to treat tendonitis, muscle contractures and tears, distortions and contusions.

In neurology, diamagnetic therapy is used with inflammatory and degenerative affections. This technology can also be used in rehabilitation or post-surgery recovery, largely due to its non-invasive nature. Bio-Pharmaceuticals currently has 20 Diamagnetic Physio Centres in Malaysia, bringing non-invasive technology from Italy to perform diamagnetic therapy.

Modern Technology

This therapy can only be carried out with a specific machine – the CTU-Mega 18 Diamagnetic Device. It is a non-invasive system that stimulates the inherent but weak magnetic properties of water, which is a major component of the body's cellular system.

Water is a diamagnetic matter. In the presence of a magnetic field, water moves in the opposite direction to the magnetic field. Bodily fluids consist of 70% water and are therefore, subject to this principle.

The CTU-Mega 18 has been hailed as the latest effective system for the management of pain in Malaysia. Its non-invasive treatment method eliminates the collateral effects associated with treatment involving electrical currents. The lack of superconductors makes it a small, portable and inexpensive machine. For more information or a free consultation, call 03-5525 4343.

**Source: "Treating Pain with Diamagnetic Therapy."
The Star 21 Oct. 2014 Jan.**

Painful Arc Syndrome Rotator Cuff Injury

by Dr Thaveethu Moses
Consultant Orthopaedics & Trauma Surgeon
MBBS (Malaya), MS (Ortho) UKM, AM (M'sia)
Subang Bone and Joint Centre
www.subangboneandjoint.com



The rotator cuff comprises of four muscles namely supraspinatus, infraspinatus, teres minor and subscapularis muscle. The supraspinatus is the most commonly involved muscle in rotator cuff tear. These muscles arise

from the scapula and insert into the greater tuberosity of the humerus (commonly called footprint). The rotator cuff functions to stabilize the glenohumeral joint and controls humeral head translation. The shoulder (glenohumeral) joint has been analogously described as a golf ball (head of humerus) sitting on a golf tee (glenoid fossa).

The tendons at the ends of the rotator cuff muscles can become torn, leading to pain and restriction of movement of the arm/shoulder. An acute rotator cuff tear can occur following trauma especially in athletes involved in repeated overhead motions or forceful pulling motions. It also occurs through wear and tear of the tendons commonly called degenerative tear which most commonly involves the supraspinatus tendon found under the acromion. This is the commonest form of injury that is generally seen in the outpatient clinic practise. Degenerative tear of the rotator cuff is common in patients older than 40 years.

The pain is described as a dull ache in the shoulder which often worsens when you try to sleep on the involved side. It is also difficult to comb the hair (external rotation in abduction) and reach behind the back (internal rotation in adduction). It is also associated with weakness of the arm. The pain almost never radiates to the neck.

Most patients recover from the rotator cuff injuries with physical therapy and exercises that improve flexibility and strength of the muscles surrounding the shoulder joint. Diamagnetic therapy[®] has been shown to be effective in reducing the inflammatory process by promoting fluid movement from third space back into the intra-vascular channels. Thus, by way of reducing the inflammation early mobilization of the joint is promoted. Although rest is necessary for recovery keeping the shoulder immobilized can cause the connective tissue to become thickened & tight (frozen shoulder). Early physical therapy is important.

Conservative therapy often is all that needed to recover from rotator cuff tear. In general conservative measures are continued for at least 3-6 months or longer if the patient is improving. If the patient remains significantly disabled and there has been no improvement after 3 months of conservative treatment, the clinician must seek further diagnostic work-up, and reconsider other etiologies. Although rotator cuff tear won't show up on x-ray, this image will show bone spurs and degeneration of the acromio-clavicular joint. Ultrasound is a simple examination that can be done in a clinic setting that gives details on tears involving soft tissue. MRI is generally reserved for patients with persistent symptoms.

If conservative measures do not provide adequate relief, corticosteroid injections could be used judiciously as they can contribute to weakening of the tendon. Today, platelet rich plasma injection is being used with encouraging results in place of steroid injections. Depending on the duration of symptoms multiple injections could be necessary. Surgery is reserved for patients with persistent symptoms despite these measures.

• Fongemie AE et al Mx of shoulder impingement syndrome and rotator cuff tears AM. Fam physician 57(4) Feb.1998.

• Lipmann kessel & Michael Watson (1977) The painful arc syndrome, J13J5 59.B 166-172.

Diamagnetic Physio Therapy

Why Diamagnetic Physio Therapy?

Conventional Physio Centre:

In a Conventional Physio Centre, the treatment methods are standard physio hands-on skills with occasional use of other electro therapy devices. However, the limitations of treatment used in such centres are then slow improvement rates. The ultrasound device, for example, is used to break adhesion formation, but the penetration level is shallow.

Other than electrotherapy modalities, hands-on skills such as mobilization and manipulation (e.g.: treating frozen shoulder by breaking the stiffness pattern) are sometimes used, but this will cause pain that will last from the treatment session to days after treatment. Moreover, the use of electricity by electrotherapy modalities can be a problem for patients who have electrophobia.

Diamagnetic Physio Centre:

Diamagnetic Physio Centres are equipped with well-trained and experienced physiotherapists who treat patients according to S.O.A.P protocol. Our treatment modalities include physio hands-on skills along with the use of Diamagnetic Therapy®, an innovative, non-invasive therapy for conservative treatment of acute & chronic pain as well as superficial & deep injuries by using state of the art technology called the CTU MEGA 18 device.

The use of CTU Mega 18 Diamagnetic device provides immediate pain relief and facilitates circulation to provide significant relief to our patients within the first half an hour of therapy. A study conducted in Europe has also shown that Diamagnetic Physio Therapy is found to be effective for patients suffering from any sort of inflammatory condition. (1)

Some of the medical fields that we cover include orthopaedics and trauma, sports medicine, rheumatology, physiotherapy and rehabilitation, neurology and post-surgery and recovery. Thus, the CTU MEGA 18 is a much safer and better choice!

Call the nearest centre to you!

Ref 1: Coordinated by Dr. Loris Stella, during the period between 1st March 2005 and 30th September 2005 for PANACEA Research.



Diamagnetic Physio Centre Sdn Bhd (1039104-T)
48-1 Jalan Sungai Burong AA32/AA,
Sek 32, 40460 Bukit Rimau,
Shah Alam, Selangor, Malaysia
Hunting Line: 603-5525 4343

BRANCH CONTACT NO:

Tel: 603-7772 8343
(OUG)

Tel: 016-904 0457
(Subang)

Tel: 603-6201 8811
(Plaza Damas)

Tel: 603-5879 7110
(Puchong)

Tel: 603-7886 7717
(Kelana Jaya)

Tel: 606-678 6634
(S'ban Selatan)

Tel: 603-91338343
(Cheras)

Tel: 07-5137631
(Johor Bahru)

Tel: 085-426622
(Miri)

Tel: 088-294288
(KK)

Tel: 606-6014 847
(Seremban)



SPINZ THE ULTIMATE SPINAL SUPPORT



**Comfortable
fit**



**Practical
application**



**Strong
fixation**



**Constant
support**



Suitable for

- Lower back pain
- Sports requiring rotary movement
e.g. golf and racquet games
- Preventing work-related back stress and injuries
- All ages, as it requires minimal pull force for optimal compression
- Those who require spinal and/or pelvic support
- Pregnant ladies with unstable pelvis



by

**DIAMAGNETIC
PHYSIO CENTRE**

www.diamagneticphysiocentre.com

Brought to you by

Bio-Pharmaceuticals
Towards a safer choice

Winner of



Made in Japan



Bio-Pharmaceuticals Sdn Bhd (514236-M)

No. 48-2, Jalan Sg. Burong AA 32/AA, Seksyen 32, 40460 Bukit Rimau, Shah Alam, Selangor, Malaysia

Tel: +6 03-5131 9342 / + 6 03-5131 9343 Fax: + 6 03 5131 9344 Email : info@biopharmaceuticals.com.my

Website : www.biopharmaceuticals.com.my