



**COASTLINE
Chiropractic
CENTRE**

OUR CENTRE LOCATIONS

19 Ocean Drive, Port Macquarie

42 Cameron St, Wauchope

P: 02 6583 9393 F: 02 6583 9389

info@coastlinechiropractic.com.au

www.coastlinechiropractic.com.au

Dr Darren J Gray

Chiropractor, Certified Rehab Therapist
BSc, MChiro, MClinRehabNeuro (MCAA, ClinFellAAFN)

Darren's special interests include
neurology, rehabilitation health, family
chiropractic and sports medicine.

Port Macquarie **Monday–Saturday**
(except Tuesday)

Wauchope **Tuesday and Wednesday**

*We attempt to cater for same day
appointments, however forward booking
your appointments is always recommended
to avoid disappointment.*

NOW AVAILABLE

**Function Visual and
Balance Testing and Therapy**

In sports, almost 80% of perceptual input
is visual. But even 20/20 vision does not
mean athletes are performing at their peak.
Objects don't just sit there. They move.
Fast. Regular eye exams may reveal that
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how fast it's travelling or if it's changing
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vision skills that affect your reflexes and
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extensive postgraduate training in the field
of clinical neuroscience, so you can be
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Appointments are limited.

YOUR CHIROPRACTOR

JANUARY/FEBRUARY 2022



**MESSAGE: TYPES
& BENEFITS**



**FINDING JOY IN
DIFFICULT TIMES**



**ROUNDED
SHOULDERS**

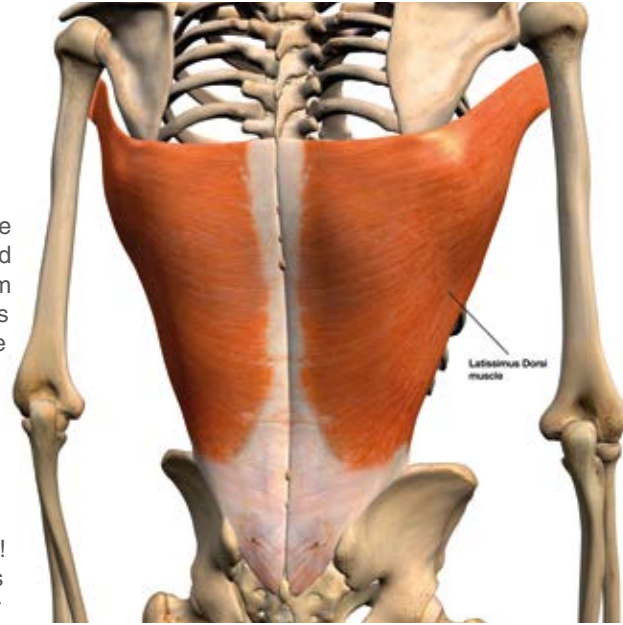


**EVERYTHING
BLUEBERRIES**

Latissimus dorsi: the importance of this large muscle

Have you heard of the muscle, the latissimus dorsi? It's often referred to as the 'lats'. Exercises and gym equipment designed to maximise its bulk and streamline its V-shape are popular, but its role is far more than just looking good.

Latissimus refers to broad and dorsi to the back. So, this Latin term simply means the broadest muscle of the back. And broad it is! This large reversed triangle attaches to a number of places in the upper and lower body. So, it plays an important role in connecting your top and bottom halves.



This broad muscle could be an important piece of the puzzle for a better back.

WHERE IS THE LATISSIMUS DORSI?

It emerges from just below the midsection of your middle back to your sacrum, or tailbone. Place your hands on your hips. The curved bones below your thumbs are called your iliac crests — it attaches here on both sides, too.

Rising from your lower ribs, it connects to the tips of each shoulder blade, then winds its way under the inside of your upper arm (humerus) around to the front. It's amazing really, that a single muscle can bridge the lower and mid back, and anchor near your shoulders. No wonder part of its name means broad!

WHAT DOES IT DO?

A muscle's function is to contract or shorten – to tighten, or relax – to lengthen. This is how your muscles move the body part or parts they're attached to. Think about one of your quadriceps while you sit. As you contract this muscle, it shortens and straightens your knee. As it relaxes, your knee bends. Your latissimus dorsi works in the same way, only it moves different bones.

At your shoulder, the latissimus dorsi draws your humerus backward, toward the side of

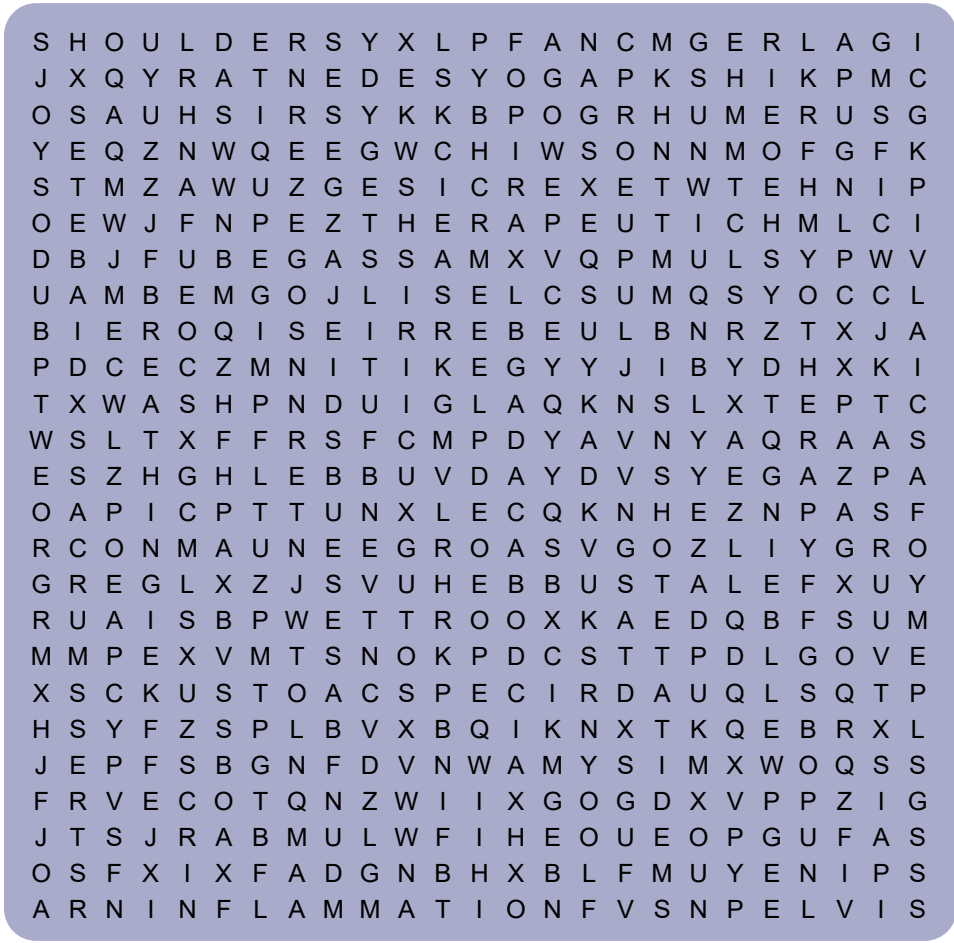
your body, and twists inward. It also pulls the bottom tip of your shoulder blade down and towards your spine, which draws your shoulders down and back. This is great for your posture! But your lats is not only a shoulder-movement muscle; it does more than this...

Research suggests that the latissimus dorsi contracts when we lean to the side, twist around, or flex and extend the spine, bending forwards or straightening up. This indicates that it's important in stabilising and supporting our spine as it moves. Healthy, strong lats, then, could help to prevent back and pelvis problems. In fact, one 2013 study showed that strengthening this muscle helps to relieve pain in the area where the middle and lower back meet.

There are various exercises and activities – like swimming and rowing – to strengthen the lats. Remember, because all muscles contract and relax, they can become tight too. Stretches can help release tension.

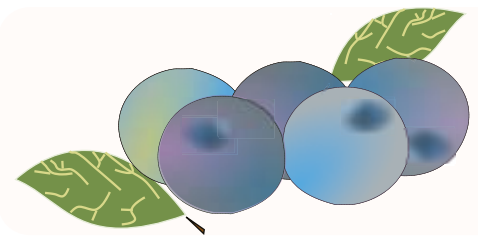
If you have concerns or questions about your latissimus dorsi, ask us – we can also recommend the best exercises, activities and stretches for your body.

Our newsletter is free - please take a copy with you



WORDSEARCH

- ANTHOCYANINS
- ASSESS
- BLUEBERRIES
- BREATHING
- CORE
- DIABETES
- EXERCISE
- HUMERUS
- INFLAMMATION
- LATS
- LUMBAR
- MASSAGE
- MEDITATE
- MINDFUL
- MUSCLES
- MYOFASCIAL
- MYOTHERAPY
- PELVIS
- PILATES
- POSTURE
- QUADRICEPS
- SACRUM
- SEDENTARY
- SHOULDERS
- SPINE
- STRESS
- SUPPORT
- THERAPEUTIC
- WELLBEING
- YOGA



Blueberries: truly delicious and nutritious!

Whether in pancakes, yoghurt, muffins or jam, blueberries are an amazing fruit, absolutely bursting with goodness.

Blueberries are native to North America but are now grown around the world, including Australia. They grow from shrubs; the farmed 'highbush' varieties produce the larger fruits that you find in shops, but wild 'lowbush' shrubs tend to have smaller, more nutrient-rich berries.

Blueberries have long been known as a 'superfood' due to their high levels of nutrients and antioxidants, but what are the real benefits of including them in your diet?

As they are relatively low in sugar and high in fibre they have a low glycaemic Index, which makes them a source of slow-release energy – good for maintaining steady blood sugar levels, and great for gut health.

Blueberries contain high quantities of Vitamin C and Vitamin K. Vitamin C is important for skin health and immune function, and Vitamin K is mostly involved in blood clotting. They also have vitamins A, B, and E, and a range of minerals.

Include more blueberries in your diet . . .

They're also rich in antioxidants, the molecules that fight harmful free radicals in your body. Free radicals occur naturally in your body, but high levels have been linked to cancer, heart disease and diabetes. Eating food with high levels of antioxidants helps your body maintain that all important healthy balance.

One group of antioxidants in blueberries is known as anthocyanins – these give blueberries and similar berries their natural blue colouring. Anthocyanins have been linked to all sorts of benefits, such as improved cognition and memory, as well as reducing cardiovascular disease and diabetes.

Some studies have shown that eating blueberries regularly can have an anti-inflammatory effect. This can protect your brain cells, improve blood flow and reduce blood pressure.

Alongside all these health benefits, they're a delicious and versatile fruit. They last well when fresh, and can be flash-frozen to retain many of their nutrients – you can find them fresh or frozen in most supermarkets. This means it's easier than ever to throw some in your next smoothie or on top of your porridge, and enjoy the fruity boost of a truly healthy food.



Toss a handful in your salad



Make a tangy sauce to accompany meat dishes



Add to a cheese platter



Massage: types and benefits

Have you wondered if massage therapy might complement your chiropractic care? Or felt curious about what massage is or what it does, and how it might help?

Massage therapy involves manipulating the body's soft tissues, including the muscles, fascia, fibrous tissues, ligaments, and tendons. Examples include: myofascial release, myotherapy, remedial massage, deep tissue massage, sports massage, traditional Chinese massage, and relaxation massage. Understanding the different types can help you make solid therapeutic decisions.

Myofascial release has a specific meaning; 'myo' refers to muscle, and fascia to fascia, the thin layer that covers tissues, including muscle. Think of fascia like the body's cling wrap; if it becomes thickened and sticky, the tissue beneath can struggle to work well. So, myofascial release aims to smooth and free troublesome muscle and fascia.

Myotherapy, according to the Australian Natural Therapists Association, is a "physical therapy designed to prevent, treat and manage musculoskeletal pain and associated pathologies."

Remedial massage, remedial means to remedy or rectify – so it's used to treat damaged, immobile, or tight muscles.

Deep tissue massage emphasises slow, firm, and targeted strokes to unlock deeper tissue layers.

Sports massage focuses on people who exercise, especially athletes. This approach aims to improve flexibility, avoid damage, and aid healing following injury.

Traditional Chinese massage uses physical techniques with a view to sparking improved blood vessel and nerve function, and whole body health.

Relaxation massage is, as its name suggests, relaxing. The other approaches centre on working tissues toward better function, but relaxation massage shifts the focus from body to mind. With flowing strokes, kneading, and pain-free motions, it soothes stress and promotes mental ease. While this is pleasant and beneficial, it likely won't be sufficient to treat a physical problem.

Still curious? Ask us whether massage therapy is right for you. If it is, we can provide advice about the right type to best suit your needs.

Blueberry and chia seed pudding

This recipe makes two creamy, delicious bowls of goodness. Perfect for a healthy dessert or breakfast!

INGREDIENTS

- ½ cup fresh or frozen blueberries
- 1 cup of milk (or soy, cashew, or almond milk)
- 2-4 tsp maple syrup
- ½ tsp vanilla extract
- 6 Tbsp chia seeds

Topping suggestions

Shredded coconut, mixed fresh berries, mint leaves, nuts, grated chocolate.

DIRECTIONS

1. Place blueberries, milk, maple syrup and vanilla in a blender on high for 10 seconds.
2. Transfer mixture into a bowl and add chia seeds. Stir well.
3. Let chia seeds rest for about 10 minutes to absorb the liquid and expand. Then stir again with a whisk to ensure seeds are not clumped.
4. Divide mixture into small jars or bowls and place in the fridge for four hours or overnight.
5. Add your toppings and enjoy!



How to find joy amid difficult times

Has COVID-19 taken a toll on your mental health? Do you feel sad or anxious, or worry about the future? Have changes in your work, social life, or finances caused you stress? You're not alone. A recent study by the Black Dog Institute found that just over three quarters of Australians surveyed felt their mental health had worsened since the pandemic began. But there is good news. There are simple steps that can bring joy back into your life.

Firstly, remember to be kind to yourself. These times are unprecedented and there's no rule book. Listen to what your body and mind need. Take time to rest and get sufficient sleep. Dedicate moments to simple pleasures and delight in your favourite hobbies.

Move often. Catch the sun and bathe in nature. Enjoy long and short walks. Hit the gym for a healthy dose of happy hormones. Swim at the beach or in your local pool. Take yoga, Pilates, or Tai Chi classes – join a group or try online tutorials. A focus on your fitness will also help to lower the risk of physical pain that often rears its head when under stress.

Eat well. Nutrition nourishes your brain. Choose a rainbow diet, one filled with a variety of colours. This provides the vitamins, minerals, and fats needed for brain function and mental wellbeing. But don't be rigid or harsh; savour that piece of chocolate cake! Engage the 80/20 rule – eat well 80% of the time – remember food can, and should be, therapeutic and delicious.

"The greatest weapon against stress is our ability to choose one thought over another."
–William James

Reduce your stress. Ongoing tension wears us down. This past couple of years has provided little respite. One negative event has followed another. Even when we're not fully aware of it, harmful stress can exist. So...

Catch up with loved ones and plan regular social catch-ups; whether it's in-person or online, keeping in contact with people is very important for your mental health. Keep a daily journal. Practice slow, deep and rhythmic breathing. Be mindful, fully in the present moment. Meditate, dance, sing, bake, cuddle animals, volunteer. Read an inspiring book. Watch the sun rise or set. Plan and take a holiday. Find those things that bring you calm and schedule them, regularly.

There is much you can do to protect your mental health and find joy, but if you need expert help, reach out. We can put you in touch with the right health professional.

APPOINTMENT REMINDER

Your next appointment is on _____ at _____
Date Time

Are rounded shoulders affecting your wellbeing?

Do you find your neck and back aching, or feel pain or tingling in your arms or hands? Are these problems worsened by endless time on your computer or phone – head craned forward as you type and scan? Maybe you've wondered if your posture is correct.

Rounded shoulders are part of overall bad posture, and they can get worse if left untreated, affecting your entire body and wellbeing. Unfortunately they're common in our tech-driven, sedentary modern lives.

As your neck bends forward and your shoulder blades wing out and your shoulders slump – other problems arise. Your elbows bend, your wrists twist forward, and your thumbs flex. Your back is also affected; extra pressure is put on your spine and trunk muscles, triggering muscle and joint pain and headache. Even your ability to breathe correctly can be reduced.

HOW CAN YOU TELL IF YOU HAVE ROUNDED SHOULDERS?

Ask someone to take some photos of you while standing naturally. Look at your posture from the side. If your earhole sits forward from

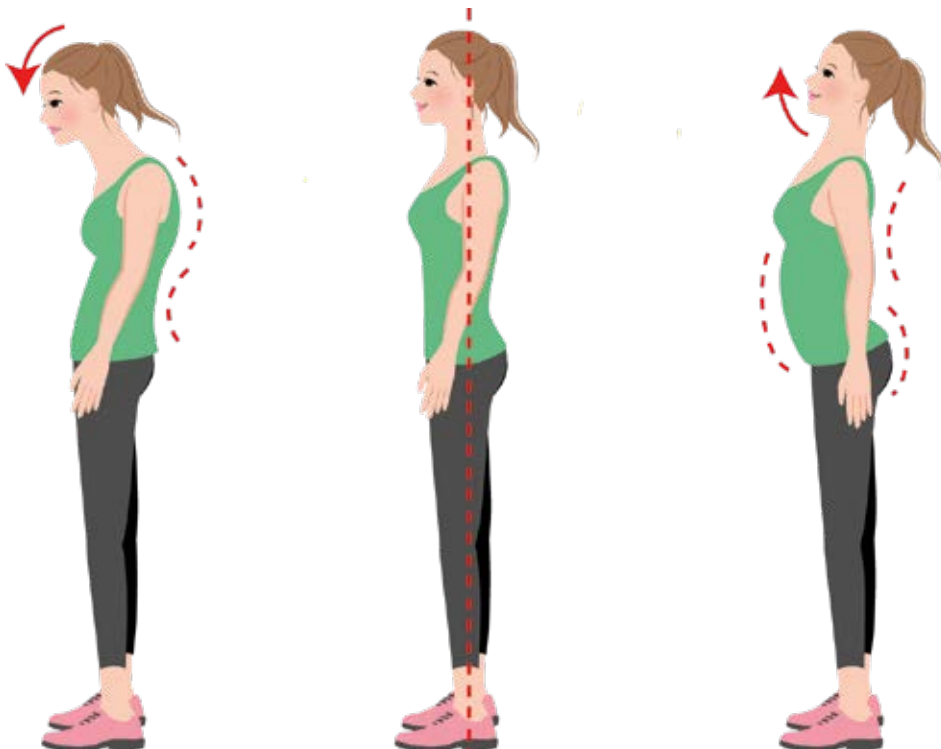
your shoulder, that's a yes. If your shoulders and spine at the middle of your back round forward, that's a yes. If your knuckles face forward, that's a yes too.

WHAT CAN YOU DO TO REVERSE THIS CONDITION?

There are a range of steps. If you have a sedentary job, ensure your workstation is set-up correctly. Use a lumbar support. Set the top of your monitor to sit at your eye line. Ensure your knees, hips, and elbows maintain a 90-degree angle. Remember, take regular breaks.

Stretching your chest muscles and strengthening your core may also help. There are many ways to do this so it's best to get professional advice, but here's a quick practice you can do any time. Stand straight. Pull your belly button slightly upward and back towards your spine. Hold for 10 seconds. Repeat three times.

We can advise you on a workstation set-up, help assess and correct rounded shoulders, and recommend stretches and strengthening exercises that are best for your body.



Disclaimer: The information in this newsletter is not intended to be a substitute for professional health advice, diagnosis or treatment. Decisions relating to your health should always be made in consultation with your health care provider. Talk to your chiropractor first.



ON ARRIVAL AT THE PRACTICE

Please see the receptionist upon arrival. This eliminates the possibility of you being overlooked and enables us to have your information ready.

APPOINTMENTS

Your appointment schedule is designed specifically to obtain the best possible results. Should you wish to change an appointment, we would appreciate as much notice as possible so that other patients can be offered your time.

ONLINE BOOKINGS

We have online booking available. Make your appointment with your favourite chiropractor by booking through coastlinechiropractic.com.au

COVID-19 GUIDELINES

We are following strict guidelines outlined by NSW Health. Your wellness is our top priority so we have added the additional service of Telehealth to cater to those patients requiring a consultation at home.

WAITING TIMES

Nobody likes waiting. We are well aware of this and try very hard to adhere to our appointment schedules. However due to the unpredictable nature of some emergencies we may run behind time. We sincerely regret any inconvenience caused to our patients when we are running behind with our appointments. We make every effort to see patients at their appointed time. You can assist by telling reception staff if you have several problems or a complex issue.

PAYMENT FOR SERVICES

Prompt payment of your account will help us keep the fees down. However if you are experiencing difficulties with payment at any time please arrange a confidential meeting with our accounts person.

OUR COMMITMENT

This practice is committed to providing the best possible care to all patients. Our staff regularly attend short continuing professional education courses to update their knowledge and techniques.

Our newsletter is free - please take a copy with you