



Dr Frank Kotai

MBBS (WA) DA

Dr Guido Hanly

MBBS (WA) FRACGP

Dr Toni Law

MBBS (WA) FRACGP MPH&TM DCH DRANZCOG

Dr Juliette Buchanan

MBBS FRACGP FARGP DCH Grad Dip FM

Dr Alina Harriss

MBBS FRACGP

Dr Mark Daykin

MB ChB (UK) MRCGP (UK) FRACGP

Dr Siobhain Brennan

BSc(Hon), PhD, MBBS, DCH, FRACGP

Dr Sarah Colby

MBBS(Hons), DRANZCOG

Dr Kris Scully

MBBChBAO(Hons), FRACGP, DCH

CLINIC STAFF

Nursing: Sinead, Karen, Roz, Halina, Anna and Anne

Reception: Ellen, Janet, Virginia, Kirsten, Sue, Julie, Michele and Lisa

Practice Manager: Maria

SURGERY HOURS AND SERVICES

Consultations are by appointment.

Monday to Thursday

8.00am-1pm 2.00pm-6.00pm

Friday

8.00am-1.00pm 2.00pm-5.00pm

Saturday

8.30am-11.30am

GP After Hours – Mount Lawley

Ph 9370 4200

Monday to Friday 7.00pm–11.00pm

Saturday 2.00pm–10.00pm

Sunday and Pub Hols 10.00am–10.00pm

For all emergencies please present to St John of God Midland Public Hospital, 1 Clayton St, Midland Ph 9462 4000.

Urgent medical problems are always seen on the same day.

For Home Visits, please telephone the surgery as early as possible after 8.15am.

For After Hours emergency medical problems Monday–Saturday, please call 9298 8555 up until 11pm for the practice duty doctor.

YOUR DOCTOR

AUGUST 2021

FREE!

This month we talk about...



**KEEPING KIDNEYS
HEALTHY**



**STOMACH
ULCERS**



**ELECTROLYTE
ESSENTIALS**



**IN PRAISE OF
PARSNIP**

Building better bones

Strong bones are incredibly important, helping us to stay mobile and healthy our entire life.

Our bones not only provide structural support for our bodies; they help us move, protect vital organs, store and release minerals (mainly calcium), and produce blood cells. Bones are able to repair and rebuild themselves in a process called remodelling.

Bones are not all solid; they're formed by a matrix (a bit like a honeycomb) of collagen and minerals. This serves as the framework for calcium deposits which form the compact, hard exterior. Together, these layers provide both flexibility and strength. The marrow is at the core, where we make blood cells.

WHAT CAUSES PROBLEMS WITH BONES?

Our bones lose density as we age, becoming more fragile and making us prone to fractures and problems with mobility. Some conditions that affect bones include:

Osteoporosis: the thinning of the bones, sometimes known as 'brittle bone disease'. Our bones naturally lose some of their density as we get older. This means that broken bones become more common as we age, just at a time when other health concerns may begin to emerge. Osteoporosis is particularly common after menopause due to hormonal changes.

Osteomalacia: a condition where the bones soften and weaken, mainly due to vitamin D deficiency. We need vitamin D to help us absorb and use the calcium in our diets.

Arthritis: this is a condition where the joints connecting our bones become inflamed, and the cartilage that allows the bones to move smoothly wears down. Our bones can be seriously damaged when we lose cartilage, actually rubbing against each other.

LIFESTYLE TIPS FOR HEALTHY BONES

There are a few simple guidelines to follow to keep our bones as healthy as possible:

- Get lots of weight-bearing exercise, that's right, putting pressure on your bones actually makes them stronger! Weight-bearing exercise doesn't mean you have to get out the dumbbells, although if you can that's great... even working with your own weight against gravity counts, so hiking, dancing, and even just climbing stairs can help.
- Eat calcium-rich foods such as: dairy foods like cheese, yoghurt, milk or fortified alternatives; green leafy vegetables; nuts; and small fish with edible bones like sardines and anchovies.
- Get plenty of vitamin D, we need it to absorb and use calcium in our bodies. It's known as the 'sunshine vitamin', as we make it ourselves when our skin is exposed to sunlight. We can make adequate amounts of vitamin D with only a few minutes of sunshine, so follow sun safety rules. You can boost your vitamin D intake through some foods, especially oily fish, red meat, egg yolks, and fortified foods.

It's never too late to start looking after our bones; we can keep them healthy naturally with a combination of a good diet and regular exercise. If you have concerns about your bone health, discuss them with your doctor..

DID YOU KNOW?



Around 99 percent of our body's calcium is held in our bones and teeth.

Quick tension-relieving tip

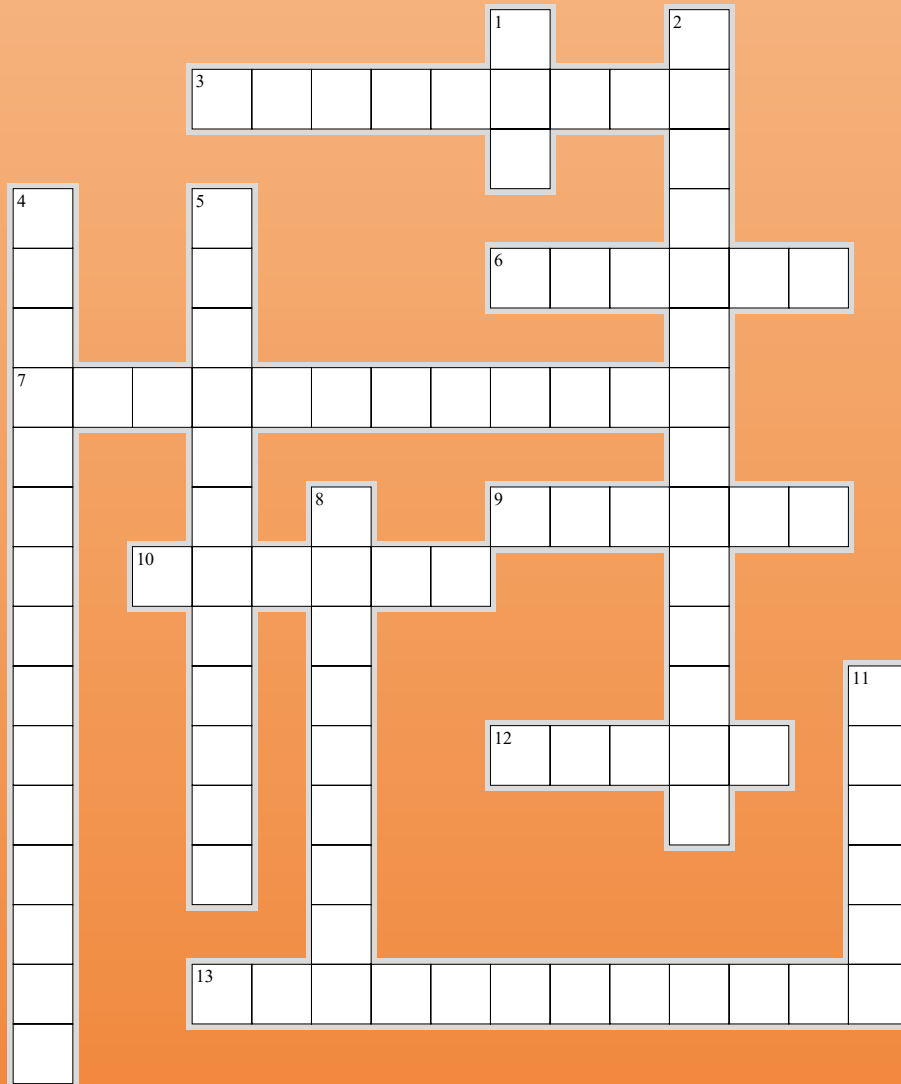
You may be carrying a lot of tension and stress in your body that you're unaware of - especially in your shoulders.

Take a moment to breathe in, hunch your shoulders up and let them relax as you breathe out. Feel better? Try this again before you go to sleep tonight.



CROSSWORD

Answers can be found in this edition of *Your Doctor*.



ACROSS

3. An examination of the upper digestive tract.
6. A pattern or arrangement of connected things (like a honeycomb).
7. A condition where the bones soften and weaken, mainly due to vitamin D deficiency.
9. Part of the bone where we make blood cells.
10. An essential B vitamin that the body needs for healthy cell production.
12. A poison or harmful substance.
13. The mineral salts in our blood that help regulate fluid levels in our blood.

DOWN

1. Short for electrocardiogram.
2. A high level of sodium.
4. A low level of magnesium.
5. Thinning of the bones, sometimes known as 'brittle bone disease'.
8. The tough elastic tissue that is found at the ends of our bones.
11. Short for Non-Steroidal Anti Inflammatory Drugs.

Solution is on the back page

The essentials of electrolytes

Electrolytes are the mineral salts in our blood that regulate various body functions. They help keep the fluid levels in our blood and tissues steady and healthy, and are an important factor in the way our bodies use energy. They allow our muscles to respond to impulses and move, and even control the way our heart beats.

When your fluid levels are out of the normal range – or when the filtration systems in your body don't function normally – electrolytes no longer work as they should and imbalances occur.

ELECTROLYTE IMBALANCES

Electrolyte imbalances happen for many different reasons – from simple dehydration to chronic diarrhoea or vomiting. It can also be due to a trauma such as severe burns, or an illness, especially one affecting the kidneys. Some medications can cause electrolyte imbalances, which might require having regular blood tests.

We're more likely to develop electrolyte imbalances – and, in general, the conditions that can cause them – as we get older, but they can happen at any age.

Electrolyte levels can be below normal range – we refer to this as 'hypo-', or above normal range, 'hyper-'.

Some of the most common electrolytes that can become imbalanced include:

Potassium

Officially referred to as hypokalaemia or hyperkalaemia. This can cause an irregular heartbeat, dangerous heart rhythm disturbances, and even cardiac arrest. Signs of potassium imbalance can often be seen on an ECG. There may be no symptoms until problems with the heart arise; causing chest pain, shortness of breath, palpitations or other cardiac-related issues.

Sodium

Hyponatraemia or hypernatraemia are also linked to heart rhythm disturbances. Both cause symptoms such as nausea, weakness, lack of energy and confusion. An early sign of a high sodium level is extreme thirst.

Magnesium

Hypomagnesaemia or hypermagnesaemia are closely linked to cardiac arrest and heart rhythm disturbance.

Calcium

Hypocalcaemia or hypercalcaemia can cause confusion, muscle weakness, and sometimes heart rhythm problems.

Usually, we can keep our electrolytes balanced just by following a normal healthy diet and staying hydrated. It's generally only when we become unwell, or have underlying risk factors, that medication and sometimes hospital treatment may be needed.

Parsnip, walnut, and apple cake

You won't notice this tasty light cake has parsnips in it, but they add a nutty flavour and sweetness which means you can use less sugar than in a standard cake.

INGREDIENTS

150g parsnips, peeled
120g apples, peeled
Juice and zest ¼ orange
3 large eggs, separated
1 tsp vanilla extract
65g light brown sugar
100g buttermilk (or yoghurt)

100g walnuts, lightly toasted
100g plain flour
1½ tsp cinnamon
½ tsp nutmeg
¾ tsp baking powder
½ tsp bicarbonate of soda

Icing

100g cream cheese
50g butter (softened)

½ cup icing sugar
1 tsp orange juice

METHOD

Grease and line two 16cm sandwich tins. Heat the oven to 180C. Finely grate the parsnip and apple into a large bowl, add the orange juice and zest.

Beat the egg yolks with vanilla extract and sugar until pale and creamy, stir in the buttermilk and add to the parsnip and apple mixture.

Process the walnuts until fine. Sift the spices, baking powder, bicarb of soda and flour into a bowl, mix in the ground walnuts. Fold into the parsnip mixture.

Whisk the egg whites in a bowl until stiff peaks form and then carefully fold into the parsnip mixture until just combined.

Divide the mixture between the tins and bake for 20-25 minutes. Leave to cool before removing from tins.

Icing

Beat the butter and cream cheese together with an electric beater, add icing sugar and beat until light and fluffy. Mix orange juice in well. Spread half of the icing over the top of one sponge, set the other sponge on top and press lightly to hold in place. Spread the rest over the top of the cake. Decorate with nuts and/or orange zest.

Keeping kidneys healthy

The kidneys are a pair of organs that look a bit like fist-sized kidney beans. They're found on either side of the spine, just under the rib cage.

They work by filtering the blood, clearing toxins and fluid and sending them to the bladder to be passed as urine. They help regulate blood pressure, red blood cells, and the amount of certain nutrients in the body.

WHAT CAN HAPPEN TO THE KIDNEYS?

When the kidneys aren't working well, waste products that are usually filtered by the kidneys may build up. This can cause the electrolytes in the blood to go out of normal range. The electrolytes are the salts in the blood that are responsible for healthy heart and cell function.

Kidney stones occur when salts in the urine form a solid crystal. Small ones can transit and be passed in your urine; however if they don't move they can block the flow of urine and cause infection, and also affect kidney function. Severe pain and blood in the urine should be assessed by a doctor urgently.

Chronic kidney disease (CKD) is the name for long-term reduced kidney function or damage. We're more likely to develop this condition as we get older, and it's closely

linked to high blood pressure – both as a cause and effect of CKD. Repeated or untreated kidney infections, certain medications, poorly controlled diabetes, and cardiovascular diseases are some of the risk factors. One in three Australian adults is at high risk of developing kidney disease.

Acute kidney injury (AKI) is a sudden reduction in kidney function, usually due to a serious illness. AKI, and its underlying cause usually needs hospital treatment. Some of the symptoms include lethargy, confusion, feeling generally unwell, and a reduction in the amount of urine passed (compared to the amount of water drunk).



In praise of parsnip

The parsnip is a long, carrot-like root vegetable. They're usually a whitish colour, with a sweet, slightly woody flavour. They were popular in the ancient civilisations of Greece and Rome, and used as a sweetener before cane sugar.

The water content of parsnips is high – around 80% by weight, but the remaining 20% is packed with essential nutrients. At only 300 kilojoules per 100g and almost fat-free, they're ideal to include in a balanced diet.

Parsnips are a good source of:

- **Fibre** – parsnips contain around 5% fibre – considering they're 80% water, that's a good amount! Fibre is essential for a healthy digestive system.
- **Vitamin C** – parsnips are a good wintertime source of vitamin C. A valuable antioxidant that helps protect our bodies from damage; vitamin C is also important for supporting our immune system – perfect for keeping those winter coughs and colds at bay.
- **Vitamin K** – best known for maintaining normal blood clotting abilities.
- **Folate** – an essential B vitamin that the body needs for healthy cell production. It can also help development of healthy babies during pregnancy.
- **Vitamin E** – they're a reasonable source of this vitamin, essential for healthy blood, skin, vision and reproduction.
- **Minerals** – they also contain a range of minerals, such as magnesium, manganese, phosphorus, potassium and zinc.

Parsnips can be eaten raw, but are probably best known for their delicious flavour and texture when baked. Roasted, sautéed in strips, blended into a spicy soup, or even baked in a cake – parsnips are an excellent addition to a healthy diet.

HOW TO KEEP YOUR KIDNEYS HEALTHY

There are some simple steps we can take to give ourselves the best chance of healthy kidneys:

Stay hydrated - not only is this one of the best but is also very easy to do. Drinking plenty of water helps the kidneys to flush out toxins and maintain a good balance of fluid and electrolytes in the blood.

Stop smoking – smokers are three times more likely to develop kidney problems.

Reduce alcohol – drinking to excess can lead to high blood pressure, which increases the risk of kidney disease. Get your blood pressure checked regularly, and talk to your doctor about how you can keep it at a safe level.

Eating a nutritious balanced diet, maintaining a healthy weight, and getting plenty of regular exercise are great for our kidneys – and the rest of our body!

Stomach ulcers

Stomach ulcers, also referred to as gastric ulcers or peptic ulcers, are open sores caused by damage to our stomach lining.

Symptoms of stomach ulcers include a burning pain in the upper abdomen, indigestion, bloating, low appetite, nausea and vomiting. Some things can make symptoms worse, such as fatty or spicy foods and alcohol.

Serious symptoms of stomach ulcers can include blood in your stools or black stools, vomiting blood, and signs of acute anaemia like shortness of breath and chest pain. These signs can indicate bleeding and complications from an ulcer and you need to get medical help immediately.

WHAT CAUSES STOMACH ULCERS?

The main cause of stomach ulcers is an infection with a type of bacteria called helicobacter pylori (H. pylori). Some medications; especially Non-Steroidal Anti Inflammatory Drugs (NSAIDs) such as Aspirin and Ibuprofen, can cause damage to the stomach lining, leading to ulcers.

Smoking is linked to stomach ulcers – smokers are more susceptible to H. pylori,

and treatment doesn't work as well as it does for non-smokers.

We can't always prevent stomach ulcers, but we can reduce our risk. The best things we can do are to stop smoking, reduce alcohol, and avoid foods that irritate your stomach.

WHEN SHOULD YOU SEE YOUR DOCTOR?

As the majority of stomach ulcers are caused by H. pylori infection which is treated by prescribed medications, it's important to see your doctor for diagnosis. Some symptoms of stomach ulcers could indicate other conditions, so they need to be properly assessed.

If symptoms are severe, or persist despite treatment, an examination may be made by endoscopy. This is when a tiny camera on a fine tube is passed through the mouth into the stomach to allow doctors to see any ulcers and inflammation. This can help guide treatment.

If you're worried about medicines that may be linked to stomach ulcers, talk to your GP, and keep taking any prescribed medications unless they tell you to stop.

Discuss your concerns with the doctor

It can be helpful to make a note of what you'd like to discuss with your doctor before your visit. After you make an appointment, take a minute to write down the doctor's name and appointment details and use this form to make a list to take with you..

DOCTOR'S NAME	DATE	TIME

1.

2.

3.

NOTES:

CROSSWORD SOLUTION

DOWN
1. ECG 2. HYPERNATRAEMIA 4. HYPOMAGNESAEMIA
5. OSTEOPOROSIS 8. CARTILAGE 11. NSAIDS
ACROSS
3. ENDOSCOPY 6. MATRIX 7. OSTEOMALACIA
9. MARROW 10. FOLATE 12. TOXIN 13. ELECTROLYTES

Disclaimer: The information provided in this newsletter is for educational purposes only, and is not intended as a substitute for sound health care advice. We are not liable for any adverse effects or consequences resulting from the use of any information, suggestions, or procedures presented. Always consult a qualified health care professional in all matters pertaining to your physical, emotional and mental health.

REPEAT SCRIPTS

Repeat prescriptions will not be issued without a prior consultation. Patients seeking repeat prescriptions must see their doctor. This is to ensure proper management.

REFERRALS

A re-referral may be requested by phone. New referrals require that the patient be seen by the doctor. Referrals cannot be back-dated. Referrals are current for 12 months, please check with your specialist to see if your referral is still current.

ETHICS

This practice abides by the AMA Code of Ethics at all times. A copy of the code is available on request.

LONG CONSULTATIONS

Long consultations are available on request for all Doctors if required. **Dr F Kotai** requires 60 mins for an Aviation medical. All Health Assessments require 30 mins. Failure to attend appointments will attract a fee of \$30.00 for a standard consultation or \$50.00 for a long consultation.

ONLINE APPOINTMENTS

Online appointments can be made any time of the day at www.gfmc.com.au click on "Make a booking".

BILLING

We are a private practice and payment is made on the day. A discount of \$5.00 is given for payment on the day. We can claim your rebate immediately from Medicare using Easyclaim onto your cheque or savings card or Online Claiming where Medicare deposits direct to your bank account within 48 hrs. Questions related to fees can be dealt with by the receptionist. If you have difficulty paying your account, please feel free to discuss this matter with your doctor.

FEEDBACK

We would like to know of any concerns you may have about the care you receive. Please feel free to talk to the doctor or our Practice Manager. However, if you feel there is a matter you wish to take up outside, you can contact the Health and Disability Services Complaints Office (HaDSCO): GPO Box B61, Perth WA 6838. Tel: 9323 0600.

PHONE CALLS

Doctors in this practice may be contacted by phone during surgery hours. A message will be taken if the doctor is with another patient.

MISSED APPOINTMENTS

If you miss an appointment and fail to advise us at least 2 hours beforehand you will be charged a Failure to Attend Fee. This fee applies to everyone and cannot be claimed back at Medicare.

Your medical record is a confidential document. It is the policy of this practice to maintain security of personal health information at all times and to ensure that this information is only available to authorised members of staff.

Our newsletter is free! Take a copy with you.