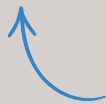


HIGH PERFORMANCE OMEGA-3 RANGE

No.1 Liquid Fish Oil in Australian Pharmacies*



One teaspoon is all it takes

Vegan Omega-3 alternative



Find me in the fridge



AVAILABLE FROM SYMBION AND API OR TALK TO YOUR PHARMABROKER SALES REPRESENTATIVE

Always read the label and follow the directions for use.

*By total unit sales. IQVIA, Vitamins & Supplements category, Australia Pharmacy Value units, 52 weeks to W/E 2022-02-12 data.



Mag-Sup
High absorption magnesium
Pharmacy only.

Available in 50's, 100's and 250's from Symbion, Sigma, API and CH2.

50's PBS & RPBS Listed

Always read the label and follow the directions for use.

Today's issue of PD

Pharmacy Daily today features three pages of news plus a cover page from Melrose.

The good oils

MELROSE has high performance organic liquid flaxseed and fish oils sold in Australian pharmacies. See cover page.

Refinancing up

THE value of owner-occupier refinancing between lenders rose 9.1% to a new high of \$13.4bn in Nov 2022 (seasonally adjusted), while total new loan commitments for housing fell 3.7%, according to data released last week by the Australian Bureau of Statistics (ABS).

Dane Mead, acting ABS head of Finance and Wealth, said: "More borrowers switched lenders for lower interest rates as the RBA's cash rate target continued to rise."

Loan commitments declined.

On the front-lines of cyclone relief

IN THE wake of cyclone Ellie which has caused intense rainfall in WA's Kimberley region, local pharmacists have played a key role in the Aboriginal Medical Services and WA Country Health Service-led response to the disaster.

"We are very used to the wet season, and are well-organised on the ground to anticipate situations.

"But, this time round the intensity of the rains was like nothing I have seen," said Hannah Mann, proprietor of Kimberley Pharmacy Services (KPS), and winner of the Pharmacy of the Year in 2015.

The deluge caused the Fitzroy River to swell to record-high levels, inundating floodplains and isolating several riverside communities.

At its peak, according to the Bureau of Meteorology, the amount of water moving down the Fitzroy River in one day was the amount of water Perth uses in 20 years.

Mary Baker, a KPS pharmacist "was a super-hero as she worked with the army, airforce, WA County Health, and Aboriginal Health Services to meet people as they got out of the evac helicopters.

"Mary organised medicines for so many, and even cooked meals."

The pharmacists also arranged



vaccinations and looked after a range of acute and chronic health needs for displaced people.

"We worked with Defence and others to get supplies and medicines delivered via military planes," Mann said, as tonnes of food and medical supplies were flown into the disaster-hit region.

"Amy Czislawski and Kerry-Anne Casanova, our senior pharmacists in Broome were amazing.

"As we responded to the developing situation on the ground, Amy and Kerry-Anne, with very little notice, had to make sure the right medications got on those planes, and on time.

"With so much other cargo, those planes weren't going to wait for us.

"And while handling all this unexpected extra work, they still had to make sure all the business-as-usual work got done.

"They're running on fumes." KPS supported the local Aboriginal Health Services in setting up a seven-day-a-week patient access service so that patient records can be accessed for those arriving, or those who cannot return to their town or community.

"It would be great to see more recognition for some of the work that pharmacists do.

"I feel that rural/remote pharmacy is just not understood enough in Perth or Canberra, where decisions are made without asking the people on the ground about

what really matters to them and works for them".

"Ideally, I would like pharmacy to be able to access emergency funding so we can cover the additional costs of accessing, transporting, and delivering medicines and services.

"In the end, this is our heart, this is our work, funded or not funded," Mann said, knowing only too well her work has just started.

KPS is working with members of the pharmacy wholesaler network to facilitate the collection and transport of donations to communities in need.

"Many families have lost everything, and I am very grateful to the colleagues who have reached out to help.

"We have a long road ahead of us to get things back to normal.

"If anyone reading this wants to help us meet that challenge, please get in touch," concludes Mann, exhausted after working nonstop since the cyclone came through before Christmas last year.

Pictured below: Hannah Mann and Kerry-Anne with the evac helicopters.



Assist and care. Educate and provide. Become a diabetes expert.



Join us in 2023, study a Graduate Certificate in Diabetes Education and Management

[Click here to find out more](#)

UTS CRICOS 00099F
40223 October 2022



I recommend Bio Slim VLCD

Geradine Georgeau B.Sc., Accredited Practising Dietitian

Lose weight with the science of BioSlim

VERY LOW CALORIE DIET

For more information, visit www.bioslim.net.au

Combined with exercise and a well-structured diet, BioSlim VLCD can help you lose weight. *BioSlim Very Low Calorie Diet (VLCD) is for the dietary management of obesity. For use under supervision from your health professional. Individual results may vary.

CBG launch

AUSTRALIAN medicinal cannabis drug developer Bod Science launched its full-spectrum extract last week.

It is called MediCabilis TM CBG 50 standardised to 50mg of the active cannabigerol (CBG) per mL.

The potential for therapeutic application of CBG has been found for several conditions, such as fibromyalgia, inflammatory bowel disease, Alzheimer's disease, multiple sclerosis, and anxiety.

Preliminary results of an observational project have shown increases in the percentage of change from baseline for anxiety, depression, fatigue, sleep disturbance, and pain, with noticeable improvements after weeks and the highest results for most conditions after four months of taking CBG.

While the cannabis constituents CBD and THC have been investigated, research on CBG is relatively new.

CBG shares many similarities with CBD.

Preclinical studies indicate a good safety profile, with no acute toxicity up to 200mg per kg, and no reported toxicity with long-term use.

MediCabilis TM CBG 50, 25mL bottle with syringe wholesales for \$220 and has a RRP of \$250.

Bod Science also plans to set up a manufacturing facility in Australia.

A new way to kill cancer cells found



A NEW paper published in *Nature Cell Biology* has challenged previous thinking about human cells and opened up new treatment options that will better harness the immune system to recognise and attack cancer.

Prof Mark Dawson, Associate Director for Research Translation and Consultant Haematologist at Peter MacCallum Cancer Centre,

said patients with lymphoma and lung cancer could be among the first to benefit from the findings.

"Our research discovery has major implications for many different fields of research because we need to understand how cells make decisions and change the way they act in order to find new ways to treat cancer," Prof Dawson said.

"All cells carry a set of genes that

lay dormant waiting for instructions to either be active or silent.

"Previously we thought that if we inhibited a protein called menin, which had been shown to activate genes, that these dormant genes would become silenced.

"However, our research discovered that the opposite happens, and we activate these dormant genes," he concluded.

"Some cancer cells keep genes that direct our immune system in this dormant state," said Dr Christina Sparbier, PhD student in the Dawson lab at Peter MacCallum Centre who led the work.

"We found that by removing menin, we increase the expression of the genes so that the immune system can more readily detect these cancer cells and kill them."

For more information on the findings [CLICK HERE](#).

Drug doesn't speed up recovery: study

US SCIENTISTS said the antidepressant drug fluvoxamine, which is best known as a treatment for obsessive-compulsive disorder, does not speed up recovery from mild or moderate COVID-19.

The drug was tested in 1,228 patients, 674 of whom received



fluvoxamine, while the rest received a non-active placebo.

The average recovery time was 12 days for those given the drug, and 13 days for those in the placebo group, while one participant in the fluvoxamine group and two participants in the placebo group were hospitalised.

There were no deaths in either group.

These findings suggest fluvoxamine should not be used in the treatment of mild to moderate COVID-19, the authors concluded.

To learn more [CLICK HERE](#).

Doing it tough

PREGNANT women in Australia found it difficult to get the information they needed about COVID-19 during the pandemic, increasing their risk of exposure to misinformation, according to Australian researchers.

They say many women felt they lacked access to timely and easy-to-understand information, and felt disconnected from the hospitals they were set to give birth in.

Learn more about women's information needs [HERE](#).

NOW AVAILABLE IN AUSTRALIA

BLASTX[®]

ANTIMICROBIAL BIOFILM WOUND GEL

THE GAME CHANGER IN WOUND CARE



20% DISCOUNT

FOR A LIMITED TIME

[LEARN MORE](#)

ALWAYS READ THE LABEL AND FOLLOW THE DIRECTIONS FOR USE.

Dispensary Corner



WE'VE heard of delicate medical procedures, but this is ridiculous.

Doctors in Ukraine have successfully removed an unexploded grenade from the chest of a soldier, with a Facebook post (pictured) showing the device lodged close to the serviceman's heart.

The update didn't say how the bomb got there, but noted that two explosive experts were also in the operating theatre during the procedure to ensure the safety of surgeons and nurses.

One wit quipped that when asked the question of "how do you remove a grenade from someone's chest?" the simple answer is just "very carefully".



China's tally high

SOME 900m people in China have been infected with COVID-19 as of 11 Jan, according to a study by Peking University.

The report estimates that 64% of the country's population has had the virus.

It ranks Gansu province, where 91% of the people are reported to be infected, at the top, followed by Yunnan (84%) with numbers set to rise.

UTS award nominations

NOMINATIONS for the 2022 Innovative Pharmacist of the Year are now open.

Submissions close Fri 21 Apr. Innovation is the cornerstone of pharmacy, explains UTS.

As the profession goes through unprecedented change, UTS believes it's important to recognise those leading the way.

The winner must be able to attend the 2022 Pharmacy Gala Dinner on Wed 03 May at Doltone House, Darling Island, Sydney.

AstraZeneca is sponsoring this initiative with a \$5,000 grant that goes towards the winner's professional development.

The 2021 joint winners Anna Barwick and Dr Sandra Salter (pictured) won for their Australia first pharmacist-led telehealth service and a pharmacy-based vaccine safety surveillance system.

To submit a nomination for the award [CLICK HERE](#).



Amoeba host found for Legionella

A NEW study of domestic and hospital drinking water systems found Legionella in 41% of samples - with Flinders University researchers making a key connection between the pathogen's co-existence with a 'host' microorganism in all samples tested.

The study found Legionella pneumophila (L.pneumophila) bacteria "infect the amoeba host and then once inside these hosts are protected from disinfection strategies," said Flinders University Prof Harriet Whiley,

a co-author of the new journal article in *Water Research*.

Researchers tested for Legionella and its likely amoebae hosts in 140 samples of water or biofilm (the slime found on showerheads and end of faucets) to understand how the bacterium colonises and proliferates in both domestic and hospital plumbing and poses a threat to health.

"To our knowledge, this is the first time the amoebae *allovahlkampfia* and *stenamoeba* have been demonstrated as hosts of *L.pneumophila* in Australian drinking water," said Flinders University PhD candidate Muhammad Atif Nisar, who conducted the study.

The findings support the need for further research to investigate the prevalence of Legionella and free-living amoebae in domestic and commercial water systems and to improve guidelines to better control water systems.

To learn more [CLICK HERE](#).



Weekly Comment

Welcome to *Pharmacy Daily's* weekly comment feature. This week's contributor is Chris Davis, Strategic Head of Sales, MedAdvisor



Stay open while you sleep

THROUGHOUT COVID, Australians saw online shopping increase substantially. Australia Post, for example, reported Online Goods spending was up 57% from 2019. With convenience underpinning the shift, social distancing guidelines solidified the trend across industries, and ePharmacy sales saw a 70% spike.

Consumers flocked to platforms that could offer them the convenience of easily ordering whenever they wanted, from wherever they wanted, including medication.

MedAdvisor have seen more than half of all orders are placed after normal pharmacy trading hours. Offering accessible, 24/7 hour ordering allows patients to reorder medication from their favourite pharmacy from the comfort of their couch.

By using the app to order in advance, pharmacies can bulk process and fulfil orders before they even open their doors and patients can skip the queue to collect their medication.

When pharmacies offer MedAdvisor, customers are 96% more loyal. Digitisation brings them a pharmacy that suits their needs, offering a personal level of care and quick, convenient service digitally.