

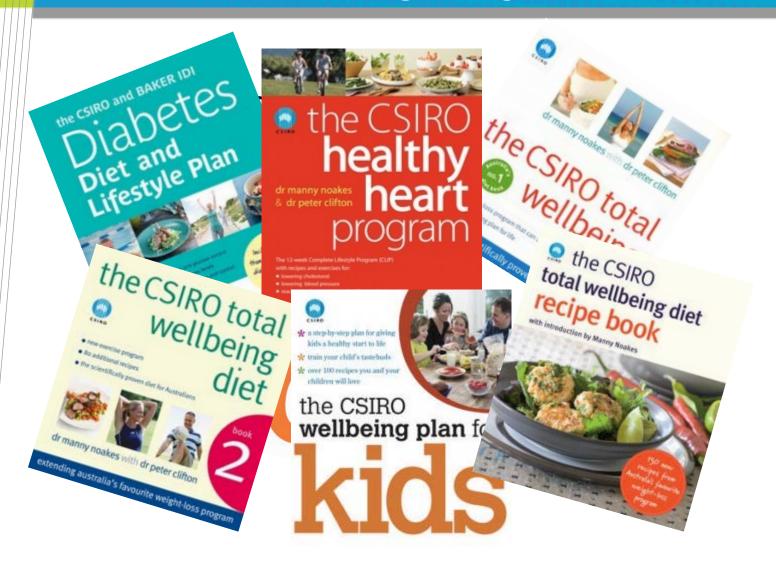
Digital Evolution of CSIRO Total Wellbeing Diet (TWD)

AHIA Annual Conference November 2011

Dr. David Kannar



CSIRO Wellbeing Programs





Status of TWD program & Digital Evolution

Current

- Launched 2005
- TWD is a scientifically supported health and wellbeing weight management program
- Penguin Publishing sold over 1m books
- Books are a static, mature media and offer limited personalisation and impact on behaviour
- CSIRO is developing a multimedia approach with interactive tools and is looking for partners



Status of TWD program & Digital Evolution

Future

- Address chronic disease prevention by empowering people to take control of their health with a scientifically evaluated program
- Partner with interested AHIA member(s) to further develop program delivery to the Australian community
- Build a long-term cohort for data collection
- Ongoing need to evaluate impact of alternative ways of providing TWD relevant to commercial partner needs and metrics



Digital Product Opportunities......

Focus on relevant key Australian consumer segments:



Families:

- Trusted name
- Flexible fits your family
- Sustainable
- Easy to understand



60+:

- Trusted name
- · Structured eating plan
- Tailored advice
- · Overall lifestyle advice



Young adults:

- General nutrition information
- Weight loss
- Healthy lifestyle

Opportunities for new digital products and services specific to health insurance industry

Clinic based

programs -

Primary

Practitioners



TWD website (with social media)

Adapted to member site



Mobile/ iPad app's



In-school programs Scan grocery items wherever you are. And we'll pop them in your online basket.



the CSIRO total wellbeing diet recipe book

school Grocery shopping grams app's Pharmacy Program

TWD recipes

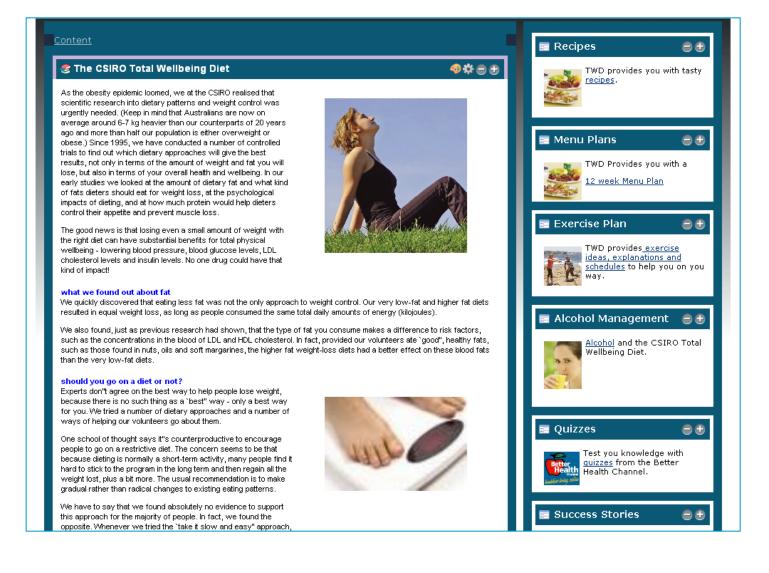




•To be sure we're on the right trail......



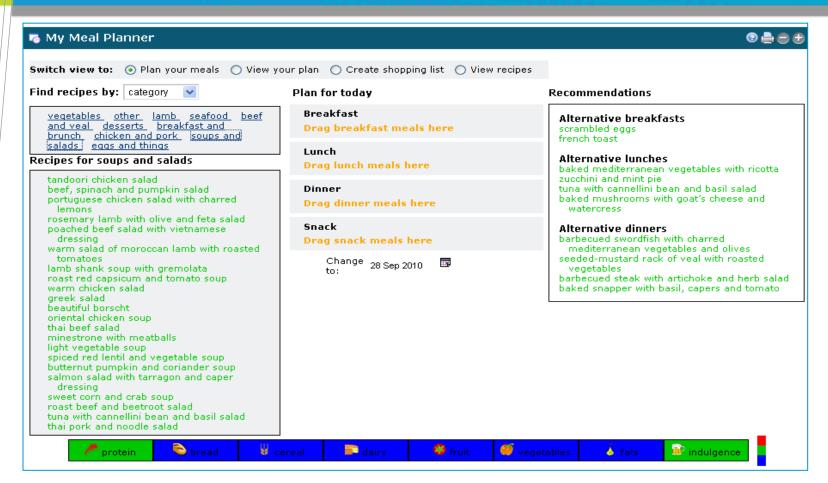
TWD Website (ICT trial 2010-11)







TWD interactive & personalised menu planner

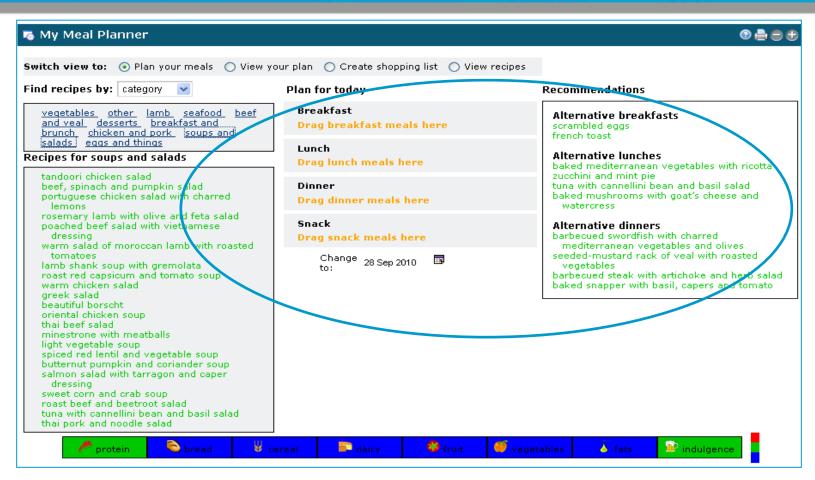


- Build your own plan, with help from the system which understands your preferences and needs
- Instant feedback on the impact of your choices on your diet compliance





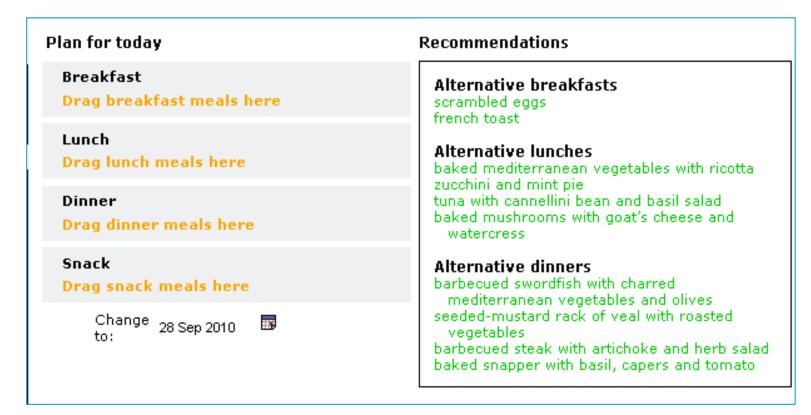
TWD interactive & personalised menu planner



- Build your own plan, with help from the system which understands your preferences and needs
- Instant feedback on the impact of your choices on your diet compliance



Learns from meal plans created



- Learns from the meal plans created
- Recommends recipes based on their ingredients, how much you like them, when you last ate them etc
- Only recommends things which keep you within the rules of the diet
- Generates shopping lists based on your plan





TWD interactive & personalised menu planner

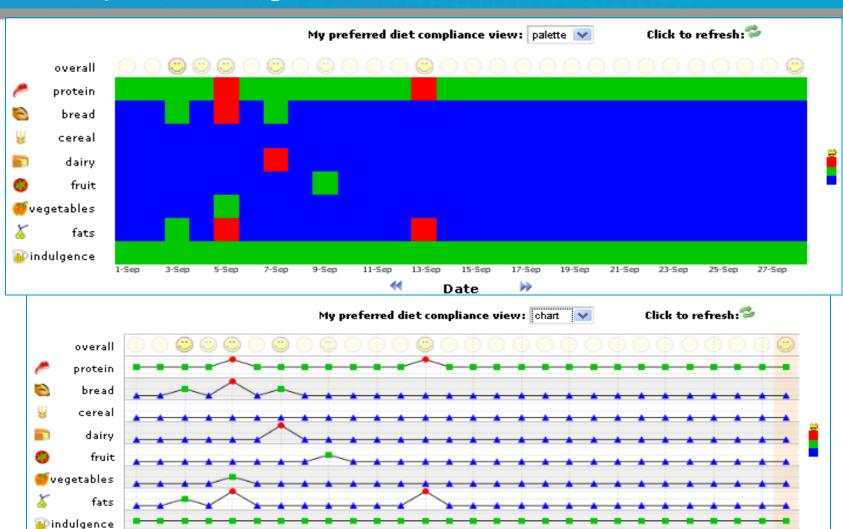
Does your meal plan comply with the Total Wellbeing Diet?

Overall	>60%	>30%								
Lean protein	ok	ak	ok	ak	ok	ak	ak	ok	ok	ak
Wholegrain bread	under	under	under	under	under	under	under	under	under	under
High fibre cereal	under	under	under	under	under	under	under	under	under	under
Dairy	under	under	under	under	under	under	under	under	under	under
Fruit	under	under	under	under	under	under	under	under	under	under
Vegetables	ok	under	under	under	under	under	under	under	under	under
Fats and oils	ok	under	under	under	under	under	under	under	under	under
Indulgence foods	ok	cik	ok	ok	ok	ok	Ok	ok	ak	ok
	28-Sep	29-Sep	30-Sep	1-0ct	2-0ct	3-0ct	4-0ct	5-Oct	6-0ct	7-0ct

Easy tracking of where to improve



Multiple viewing interfaces



Date

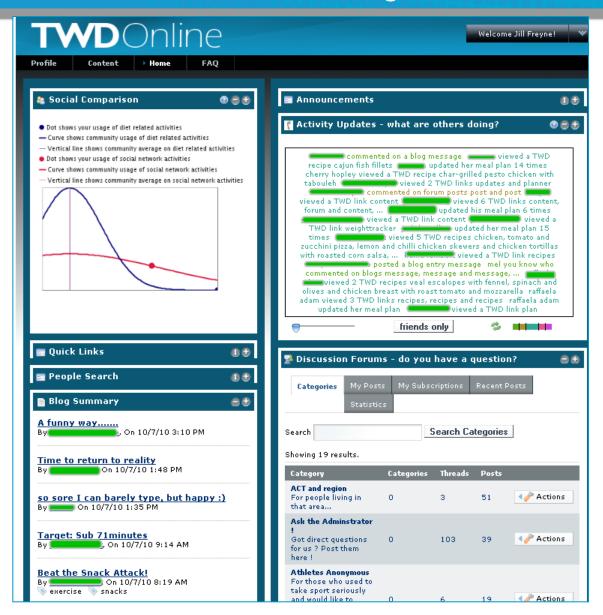
11-Sep 13-Sep 15-Sep 17-Sep 19-Sep 21-Sep 23-Sep 25-Sep 27-Sep

• Multiple interfaces to track your diet compliance





TWD + Social Networking



- Discussion Forums
- Blogs
- Social Comparison
- Activity Updates



Positives of Social Support & Learning

- Sharing
 - experiences, recipes, meet up with others in real world, successes failures
- Motivation
 - Encouraged by success of others
- Similar hurdles experienced by others
 - When you hit the slump others may be in the same boat
- Open to all
- Low cost



Live User Study

- 8000 participants recruited, 5000 visited the site
- Various ICT features well received during use
- 12 week study
 - 3,000 kg excess weight lost
 - ~600 forum posts created (2700 responses)
 - ~4500 friendships formed (9000 initiated)
 - ~2300 blog messages added
 - 200,000 content page views
 - 31,000 forum views
 - 57,000 blog views



Next Steps

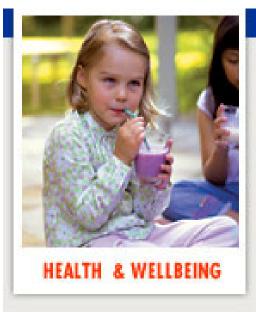
- Further develop digital program for AHIA members
- Run short term online program with optimal ICT features
 - Evaluate uptake and efficacy in targeted health insurance members
- Potential for roll out dynamic program according to needs of each AHIA company and continue to evolve





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Thank you

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