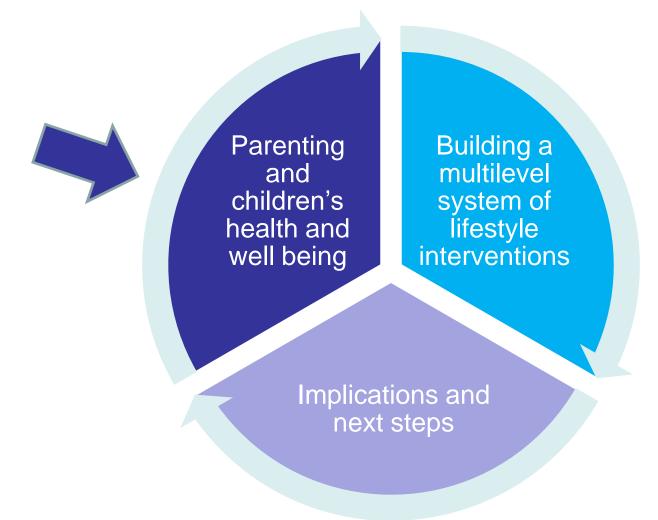


Matthew R Sanders, PhD
Parenting and Family Support Centre
The University of Queensland
Brisbane
Australia

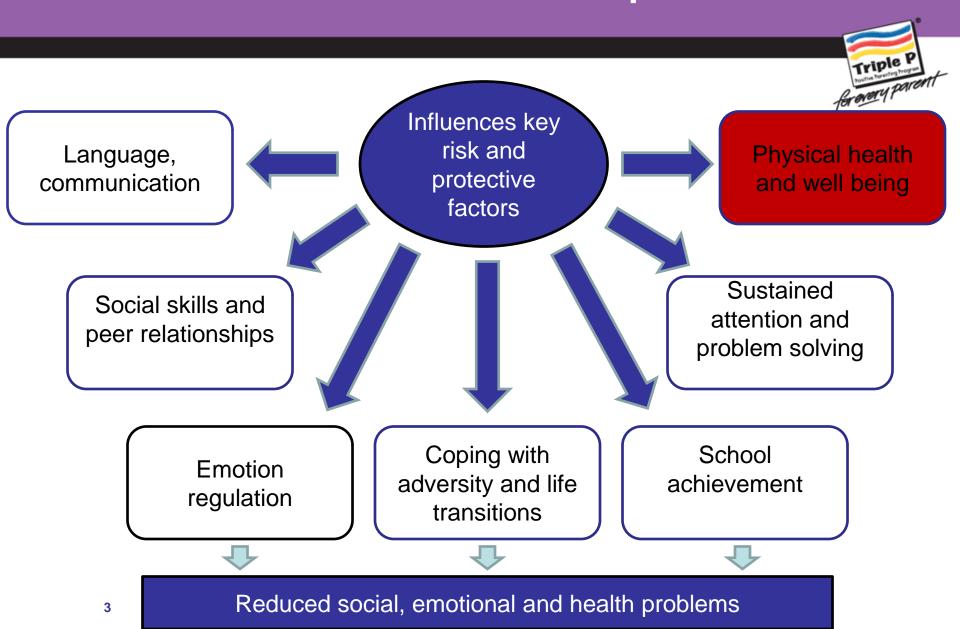


At a glance

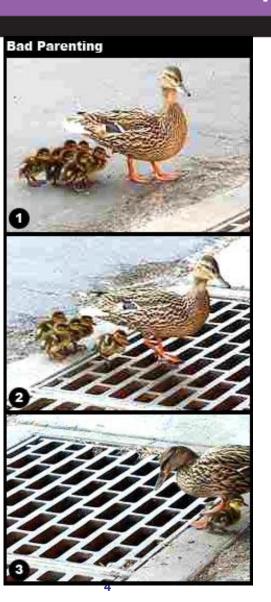


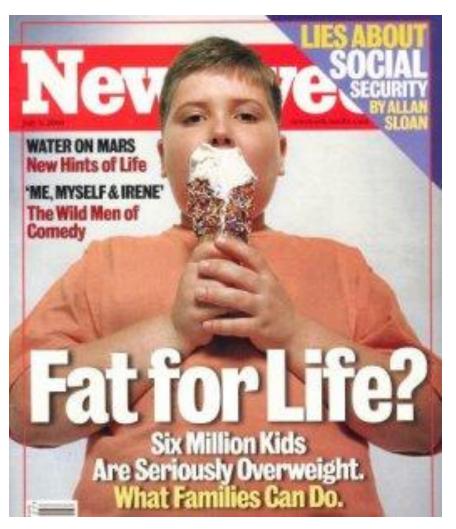


Parental influence is pervasive



There have always been concerns about how parents raise their children







Uur "have your cake and eat it"

Triple

When problems arise parents are often blamed

Obesity linked to TVs in toddlers' bedrooms

Fat: Parents deserve big slice of blame Martin Wainwright Wednesday June 5, 2002 The Guardian

Almost 10 years after the triumphant exist in real life.

The first ro

The Atlanta Journal-Constitution
Published on: 05/30/04 if your kids are fat, it may be your fault.

increa adults.

The stuc chubbies

Ian Royall

expert has said.

PARENTS are being hood-

winked into believing some

snack foods were nutritious

for their children, a health

Nutrition and fitness

adviser John Toomey said

some products deceived

shoppers into believing they

were good for their children.

Certain types of yoghurts,

fruit bars and other common

one in three 12 and 13-year-

old girls skipped breakfast,

while seven in 10 children

levels of fat and sugar.

serve to how much you exercise, you c Parents duped by snack food value

> visited at least one fast-food to milk.

outlet every week. Growing concern about childhood obesity has made the topic an election issue, with calls for improved diet and regular exercise for the nation's children.

A supermarket check of the nutritional content of popular children's snacks revealed alarming levels of sugar and fat content, while others had several added flavours and

lunchbox fillers had high A raspberry flavoured muffin bar contained some fruit puree, but also "raspberry The warnings came as new flavoured pieces". research found that almost

Strawberry Nesquik contained 98.8g of sugar for every 100g, although the sweet content was diluted when added

LCMs and muffin bars, sold in the nutritional foods section of the supermarket. were low in fat but contained at least 30 per cent sugar.

Among those high in fat was cinema-style buttered

Deakin University's health and behavioural sciences head, Professor John Catford, said one-time party or treat foods were now part of children's regular daily

"Consumers have to be pretty sceptical about particular claims and the linkages to healthy lifestyles," Professor Catford said.

Mr Toomey said healthy

food could not be loaded with sugar, synthetic flavour enhancers, colours and preservatives.

"That's part of the challenge so that parents are not hoodwinked into believing something is healthy and nutritious.

'Another classic case is flavoured voghurts - they're

Australia has one of the best labelling regimes in the world, with all packaged products detailing the ingredients and nutritional information on the packaging.

But experts now want more take-away food operators to follow McDonald's lead and publish their products' nutritional information.

gs like sausage rolls and pies.

hem coffee.

the time that some kids are 18

ths old, they are old hands at eating

saw a couple of three-year-old kids

week and their parents were feed-

couldn't believe that when parents

in and say, 'But they don't eat

Littlewood said tuckshops were

ing too many fatty and sugary

h', they are feeding them pies."

Fat Kids? I Blame the Parents

By Michael Fumento

on cars; safety concerns; kids no longer walking or cycling to school; and teacher fears of being sued as a result of overseeing sports activities are all con-

Queensland Health and Education Queensland have formed a joint action plan to target obesity.

"If we don't become involved now,

which have meant kids are not as active as they used to be . . . and schools are one element.

fed coffee and pies, says expert

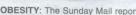
Experts warn obesity epidemic

Shocking eating

fat kid epidemic

habits behind the

hitting children as young as 3



OBESITY: The Sunday Mail report Amanda Lee said an increased reliance tributing to the obesity epidemic. The Government is so concerned that

we're not going to be able to handle this," Dr Lee said. "There have been many changes

She said TV advertisements selling



....experts disagree it all gets so confusing

Childhood obesity epidemic a myth



sed: Trisha Smith, who watches what her children eat, with Carlo. 4, and Jackson, 6, sharing an ice cream at Brisbane's Southbank beach

Siebhain Ryan Natasha Bita

has halted, delying warnings that

velled off around 1998 and he



tus between 1985 and 2007 and found a "clear plateau" in recent. obesity data.

The analysis concluded that overweight and obesity prevasettled at 23-24 per cent and bood obesity would reach adult prevalence levels within 30 years. fruit, sandwictors and plain mitk Ms Smith treated Jackson and "People are always refuctant to let go a notion which is their Carlo, 4, to see cream yesterday but normally limits the amoun life work," Professor Olds said. of sugar and fat they consume "I include myself in that

"I don't worry about then

The author of a new book says genetics rather than chess lessons have a bigger effect on success



Author Bryan Caplan, left, pictured with his son, has criticised 'Tiger Mother' author Amy Chua, right, for advocating an an overlyrestrictive parenting style, Source: Supplied

YOU believe, because it is one of the last self-evident, incontrovertible truths, that raising a child is one of the most influential jobs in the world. And that's why you will find what comes next so difficult.

All those extra bedtime stories read, violins purchased, chess clubs driven to, trips to the Science Museum made, cosy fireside chats delivered; all the arguments over homework and bribes for good school grades, all the blueberries served, all the guidance offered, all your values

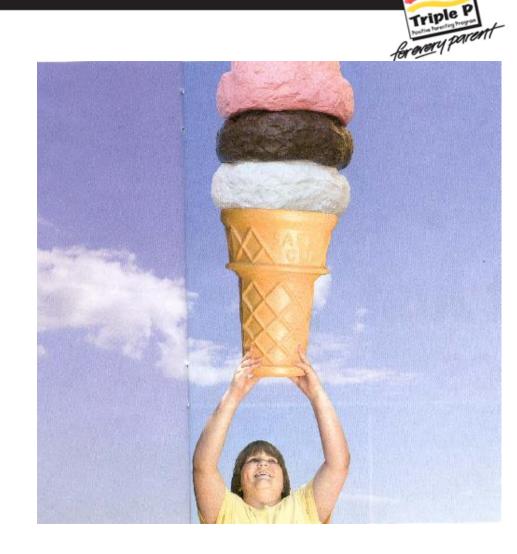


Parenting influences children's lifestyle

- Children eat more fruit and vegetables when their parents:
 - Eat F&V themselves, offer repeat tastings and praise, make
 F&V available and easily accessible
- Children eat more energy-dense foods when their parents:
 - Have fewer food rules, accommodate children's neophobia
- Children are more active when their parents:
 - Model an active lifestyle, play active games with their child, provide transport to physical activity locations
- Children watch more TV when their parents:
 - Watch TV as a family, allow TVs in children's bedrooms, don't restrict or monitor children's TV use

Parenting also affects

- Children's attitudes about food
- Knowledge about food
- Beliefs about food
- Mealtime behaviours
- Emotional climate around meals





Parenting and children's health and well being Building a multilevel system of lifestyle interventions

Implications and next steps

Importance of empowering rather than preaching to parents

Triple P

Provide housing Program

For every Parent

Parental
Self regulation

Selfmanagement

Self-efficacy

Personal agency

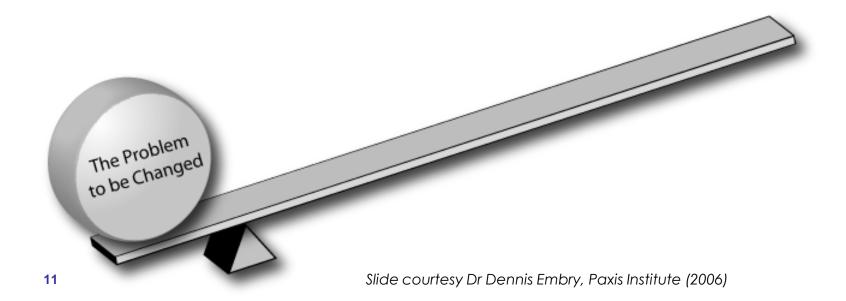
Selfsufficiency

Achieving population level change

Glasgow et al (2001)

Triple |

Create leverage using the **RE-AIM** formula



Shifting major health problems



Reach X Efficacy X Adoption X Implementation X
 Maintenance=Population level impact





Adapting existing evidence-based parenting interventions using consumer focus

Tailoring parenting programs to the problem of obesity prevention

Knowledge gained from consumers



Research evidence

Tailored variant ready for empirical testing



Trial
Group
Lifestyle
Triple P
with RCT

Using survey data and parent focus groups to help understand the problem

- What challenges do parents face in managing their child's weight?
- What weight-related behaviours do parents find most difficult to manage?

Parents experience higher rates of disruptive behaviour

West & Sanders (2009)



Obese and overweight child had more general behaviour problems (ECBI)

- Dawdles in getting dressed
- Refuses to eat food presented
- Refuses to do chores when asked
- Gets angry when doesn't get own way
- Whines
- Cries easily
- Yells or screams
- Verbally fights with sisters and brothers
- Interrupts

Lifestyle specific behavior problems are common

West & Sanders (2009)



- Eats too much (91.9% vs 3.2%)
- Watches too much television (71% vs 27.4%)
- Eats too quickly (58.1% vs 3.2%)
- Demands food (56.5% vs 9.7%)
- Eats continuously between meals (54.8% vs 14.5%)
- Eats unhealthy snacks (54.8% vs 11.3%)
- Complains about doing physical activity (59.7% vs 4.8%)

Parents have lower self efficacy in managing lifestyle behaviours

25 of 28 items including...

- Eats too much (93.5% vs 8.1%)
- Eats unhealthy snacks (71% vs 14.5%)
- Complains about doing physical activity (69.4% vs 9.7%)
- Complains about being overweight (77.4% vs 17.7%)
- Complains about being teased (77.4% vs 17.7%)
- Complains about being unfit or feeling low in energy (69.4%vs12.9%)

Why parents of overweight children have difficulties managing their children's eating

- Feel frustrated about their child's weight gain
- Feel criticised and blamed by others
- Have unhelpful attributions(genes, peer influences, advertising)
- Have difficulty monitoring and controlling their child's eating behaviour
- Do not know how to introduce lifestyle changes to their family
- Believe they are unable to solve the associated problems
- Worry about damaging their child's self-esteem
 (Borra, Kelly, Shirreffs, Neville & Geiger, 2003; Walsh Pierce & Wardle, 1997)

Obesity prevention and management programs need to address

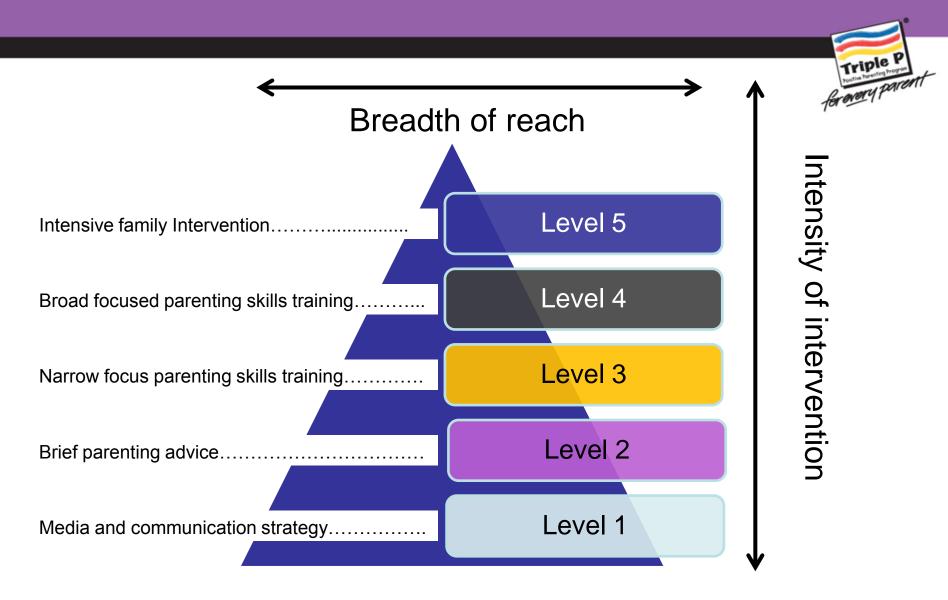
Triple P

Tourish touring troops

For every parent

- Low self efficacy of parents in dealing with **both** lifestyle behaviours and other behaviour problems
- Inadequate parenting that maintains sedentary lifestyle and overeating
- How parents explain their children's behaviour (attributional biases)
- Lack of knowledge about nutrition

Not a "one size fits all" approach



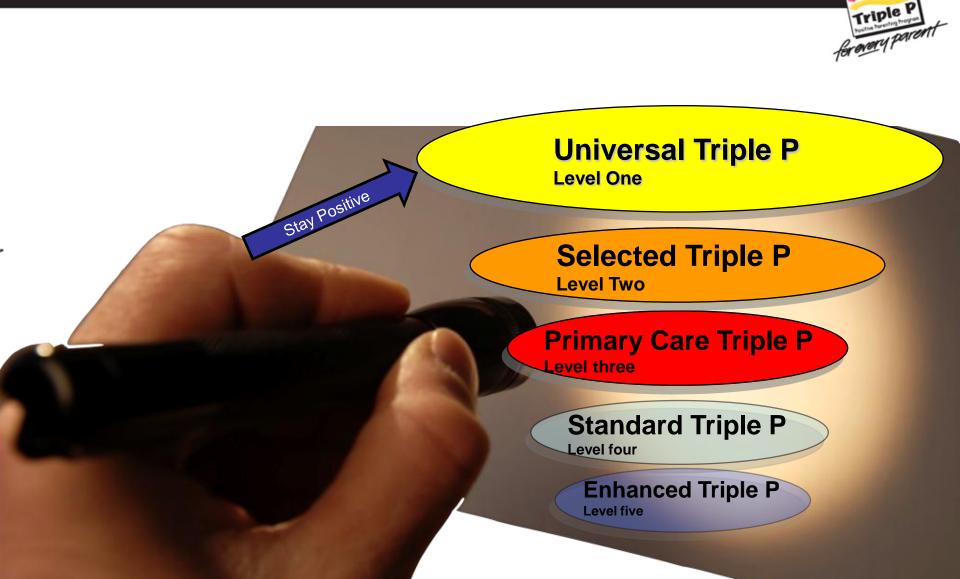
Positive Parenting for Healthy Living Series Towards a multilevel system

Triple P Positive breating broader For every parent

Aims

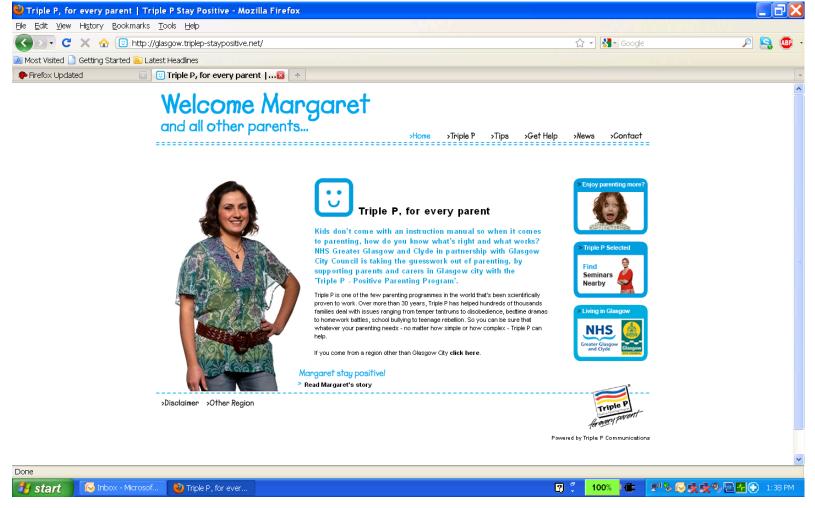
- Increase parenting knowledge, skills and confidence in managing their children's eating, activity level and general behaviour
- Improve children's nutritional intake and activity levels and global adjustment to prevent chronic long term weight problems

Using media and mass communication strategies to normalise and destigmatise participation



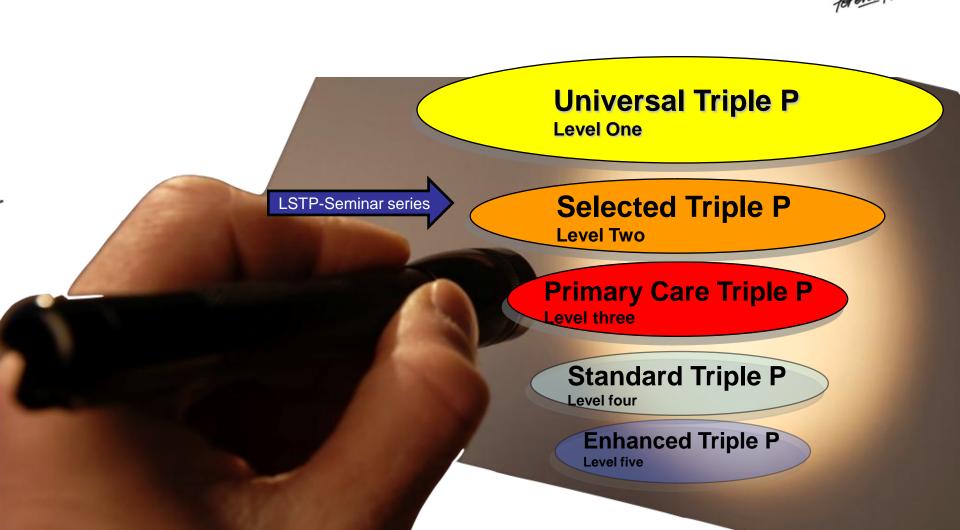
www.triplep-staypositive.net





Provide "Light touch" low intensity interventions that have wide reach

Triple I



Positive Parenting for Healthy Living Seminar series





Triple P Tip Sheet
Lifestyle Seminar Series

Positive Parenting for Healthy Living

B histen of all ages need a side, secure and carring environment to dis well. Posture parenting is an approach to raising children that emphasiass the positive. It involves creating a healthy family environment than a long, supportive and predictable. Children need to be physically dathe and ear healthy facility food to feel good about themselves and have the energy to succeed in their activities. Healthy, locally, food to feel good about themselves and have the energy to succeed in their activities. Healthy, and the support of the suppo

BEING A PAREN

It is extremely researching and enjoyable to be a parent, but it is not always easy. It can often be demanding, frustrating and columnting. Parents have the important role of raising the next generation, yet must of a begin our careers as purents suprepared for value its aboud, and learn through trial and ernor. There is no single right way to be a parent. (Littizately, it is up to you as a parent to

There is no single right way to be a parent. Ultimately, it is up to you as a parent to decide which values, skills and behaviores you want to encourage in your child and to develop your own approach to parenting.

OUR HOPES AND DREAMS

When most people become pennis, they are optimistic that they will do a good job and that being a person will be a positive and that being a person will be a positive beautiful person and the being a person will be a positive beautiful, well-adjusted children when have beautiful persons and the white they make the white they mends, aget on well with others, he successful in their school work, achieve their potential and margage their feelings or emotions. It also involves developing herdingly halms until and margage their feelings or emotions. It also involves developing herdingly halms until herding and feeling good about themselves a person. Most promite body image and feeling good about themselves as a person. Most promites would be very a person. Most promites would be very a feeling their efforts if their children had the light their test of the light they are feeling that the side of the person. Most promites would be very all the person. Most promites well as the person. Most promites would be very all the person. Most promites well as the person which we have a person. Most promites well as the person which person well as the person which person well as the person when the person well as the person which person well as the person when the person well as the person well as the person when the person well as the person when the person well as the person when the person well as the person well as the person when the person well as the person when the person well as the person well as the person when the per

The good news is that despite the challenges, most parents do a good job in raising well-adjusted children. For most parents, raising children is a rewarding and fulfilling role.

CHLIDRIN'S BEHAMFOUR, BROTTIONS AND HEATH-THE CHALLENGE Every parent has to develop their own appreach to dealing with behaviour, and appreach to dealing with behaviour, and in the control of the contr

LIFESTYLE GOALS FOR HEALTHY

Children's wellbeing is related to getting along well with others, having the emotional and social skills to handle problems they encounter and adopting a healthy lifestyle. This moveles being active, online well and living in a safe home. A parent is a child's most important Elestyle coach who can help them develop lifetole pasterns of healthy thrug. A healty lifetole involves:

- Having regular energetic play and family activity.
- Having a safe play environment that
- reduces the risk of accidents and injuries
- Having regular mealtimes,
 Eating healthy food.
- Having a predictable bedtime to ensure
- children get enough sleep.
- Living in a smoke-free home.
 Having good relationships with parents,
- siblings and extended family.

 Having a good relationship with a family
- Acting upon changes you notice in your child's health (e.g. high temperature, low

WHAT IS POSITIVE PARENTING F HEALTHY LIVING!

Positive parenting for healthy living is an approach to raising children that encourages children to adopt healthy continues. It is based on using good communication, encouragement and positive attention to help children develop healthy behaviours. It also involves creating opportunities for children to star active and eat well.

Positive parenting involves being positive, planning and articipating ahead of time to avoid problems, and crosting opportunities for children to learn and practise important life skills. It also involves encouraging children to develop lifestyle habits and behaviours to maintain good physical health, and to avoid accidents, injuries and

naxy remarkation.

Children who grow up with positive parenting develop the skills they need to keep healthy and to feel good about themselves. They are loss likely to develop social, behavioural or emotional problems or be unhealthy.

Parents who use positive parenting skills become more confident and active themselves, and capable in managing daily parenting take. They are also less depressed, less stressed and have less conflict with their partners over parenting issues. There are five fevs apects to positive parenting for healthy living. Each one is discussed there in death.

ENSURE A SAFE, INTERESTING AND ACTIVE ENVIRONMENT

All children need to feel safe both at house and at school. When children live in a safe environment it means that you can be more relaxed about pureriting, and your child can keep busy and active without the risk of being hur.

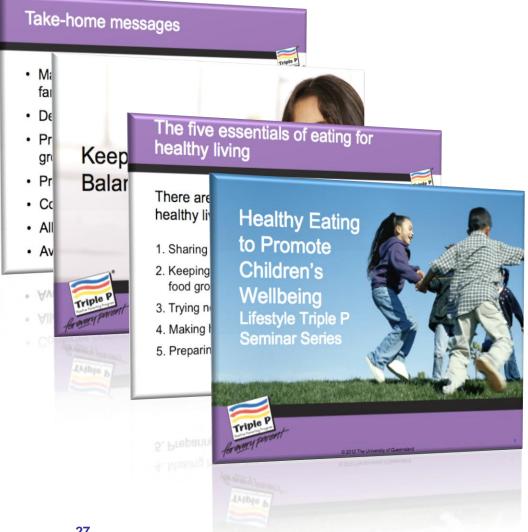
Children need an interesting environment that provides piersty of opportunities to explore, discover, experiment, be active and develop their skills. Children need lots of interesting and active things to do every day. This will stimulate your child's curiosity



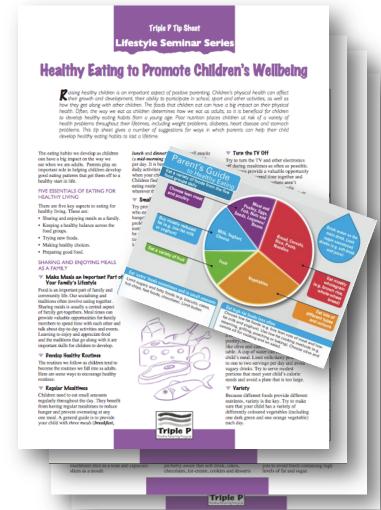


Triple P Too his foreing Program

Healthy Eating to Promote Children's Wellbeing







Physical Activity to Promote Children's Wellbeing





Triple P Tip Sheet
Lifestyle Seminar Series

Physical Activity to Promote Children's Wellbeing

A single healthy children is an important capect of positive powersig. Children need regular physical activity to give healthy borns and mancies and develop their manement skills. More physically active children are healther, stronger, get more enjoyment from activities with other children and giften dit better in school. Children who are less physically active risk developing power health as children and as adult. Too much screen time (e.g. watching TV or playing computer garnes) can prevent children from being active. This or price gives extremely extra production of the children from being active. This or price gives extra price in invasion of the children from being active. This or price gives extra price in invasion of physical activities.

BENEFITS OF PHYSICAL ACTIVITY

BENETIS OF PHYSICAL ACTIVITY
Regular physical activity provides a range of health benefits. Children who are active of the period of the physical activity provides are not likely to develop into health adults. Regular physical activity in a period with a different provides and physical activity in a period with a different provides and physical phys

Physical Health Benefits The physical health benefits of exercise

- include:
 Healthy development of bones and
- Improved fitness and movement skills (including flexibility, strength, enderance, nesture and balance).
- Improved quality of sleep.
- . Higher energy levels.
- Improved ability to maintain a healthy would
- Lower risk of chronic diseases (e.g. heart disease, Type II diabetes, cancer, bone and joint problems).

▼ Psychological Fenefits The psychological benefits of exercise

- Improved self-esteem and confidence.
- Better concentration, memory, learning and school performance.
- Happier mood and less anxiety.
- Better social skills (including following rules, sharing, working as part of a team and making friends).

Regular physical activity is especially important for children, because children who are active are more likely to be active as adults. Parents can play a valuable role in helping children to stay active.

The example we set as parents is especially important. More active parents have more active children. Parents also lead the way in planning family activities. Most children love to be active and as parents we can encourage this to continue throughout childhood and into adulthood.

THE FIVE ESSENTIALS FOR PHYSICAL WELLBEING

- There are five key aspects to helping children get active. These are:
- Monitoring children's activity levels.
 Creating opportunities for everyday physical activity.
- Increasing energetic play.
 Limiting screen time (TV, video games,
- computer).

 5. Encouraging children to participate in organised physical activities.
- MONITOR CHILDREN'S ACTIVITY
- All children should participate in physical activity every day in many different way. This is fun for children and should have become a burden for children or adults. Physical activity includes many different activities, such as



- Sports and other organised activities (e.g. swimming, gymnastics, soccer, dance classes).
- Recreation and play activities (e.g. running, jumping, playing tag, kicking or theowing, skateboarding).
- Walking or bike riding (e.g. walking to the park or the store, walking to school or daycare, using stairs, riding in the
- Everyday activities where the body uses energy (e.g. sweeping the floor, gardening, washing the car).

W How Much Prysical Activity?

All children need at least 60 minutes of moderate to vigorous physical activity

W Moderate Physical Activity

Moderate physical activity increases your heart rate but does not make you out of breath. It includes walking briskly on a flat surface, skateboarding, playing handball and raking leaves.

▼ Vigorous Physical Activity

Vigorous physical activity causes sweating and shortness of breath. It includes running, skipping, fast bike riding and swimming laps.

Physical activity can be accumulated in short bouts throughout the day. It should be made up of a variety of activities. Most importantly, physical activity should be fun, and never a chore.

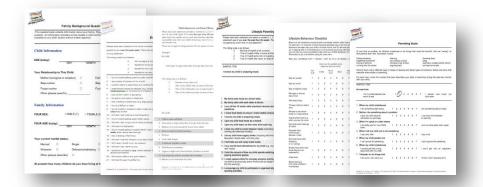
SET A GOOD EXAMPLE

One of the biggest influences on children's behavior of the probaviour of their probaviour of their present Children often take on the same activities. Children often take on the same activities and habits as their perments so its important for parents so model an active life-type. Children who we other parents swalking and getting involved in sports and other reconstitual activities are more likely to attempt these activities between size of probabilities are interesting and activities between a good opportunity or spend time with your child. There are health beautifue for everyone in the family.



Outcome Measures





Online Survey



Child anthropometric measurements (waist circumference, height, weight, BMI and BMI z-score)



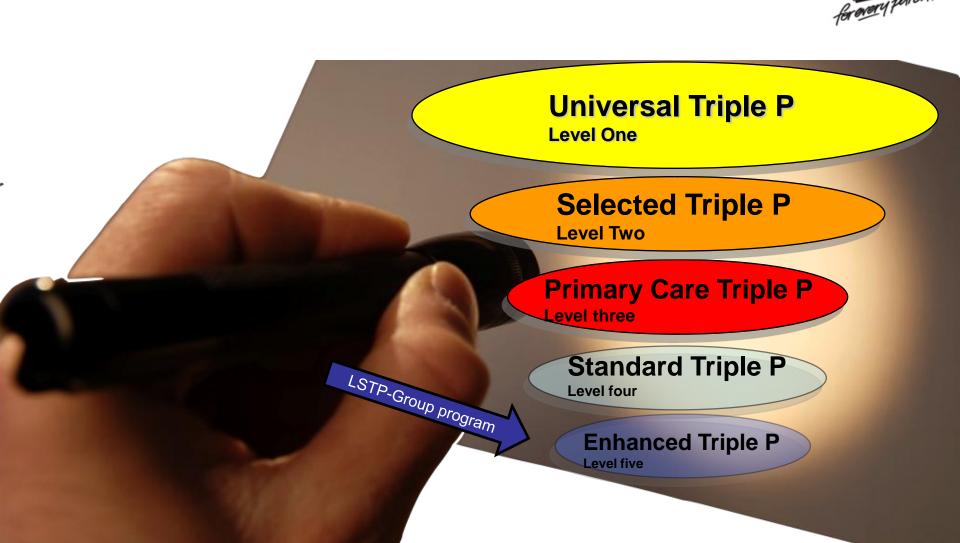
Accelerometer (7 days)



Food Diary (3 days)

Provide more intensive programs to parents of children with well established problems

Triple



Group Lifestyle Triple P



- Modification of Level 4 Group Triple P 14 sessions over 17 week period:
 - 10 x 90-minute groups sessions
 - 4 x 30-minutes telephone sessions

Nutrition

- Reducing fat and sugar intake
- Reading food labels
- Setting up eating routines
- Providing healthy meals

Physical activity

- Increasing incidental activity
- Reducing sedentary activity
- Increasing active play
- Increasing involvement in sport

Positive parenting

- Increasing self-esteem
- Encouraging healthy behaviour
- Managing problem behaviour

Program content



Session 1

- Nature and Causes of Obesity
- Overview of Lifestyle Triple P
- Readiness for Change

Session 2

- Strategies to Increase Self-Esteem
- Food Groups, Nutrients and Daily Serves
- Nutrition Goals
- Using Descriptive Praise

Session 3

- Setting a Good Example
- Benefits of Regular Physical Activity
- Physical Activity Goals
- Making Family Leisure Time Active
- Encouraging Active Transport
- Reducing Sugar intake



Session 4

- Using Behaviour Charts
- Reducing Fat Intake
- Modifying Recipes

Session 5

- Limiting Sedentary Activities
- Establishing Ground Rules
- Using Directed Discussion
- Reading Food Labels

Session 6

- Providing ActiveAlternatives
- Increasing Your Child's Movement Skills
- Ideas for Active Games



Session 7

Establishing Eating Routines

- Providing Nutritious Meals and Snacks
- Encouraging Participation in Sport

Session 8

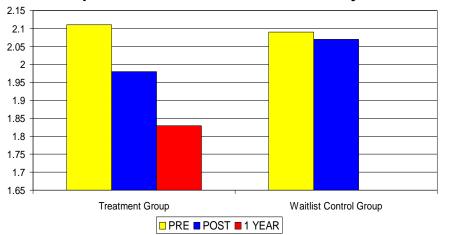
- Managing Problem Behaviours
- Using Parenting Routines

Sessions 9-14

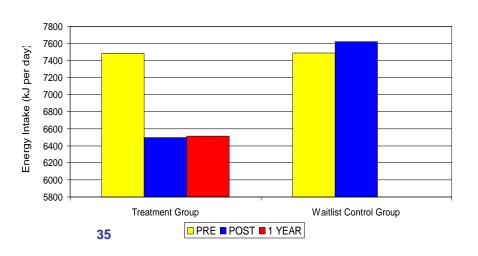
- Implementing Lifestyle Triple P Strategies
- Maintaining changes
- Program review

Triple P Journal breating house For every parent

Improvement in child body size



Improvements in energy intake



Other effects

- Fewer child behavior problems (ECBI)
- Reduced coercive parenting (PS)
- Improved parental self efficacy in managing lifestyle behaviour problems
- High consumer satisfaction



Parenting and children's health and well being

Building a multilevel system of lifestyle intervention

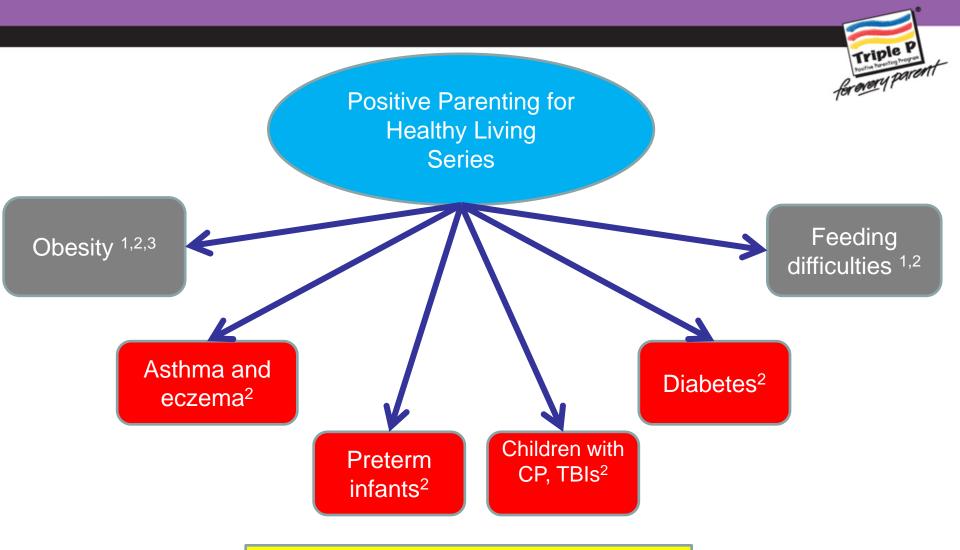
Implications and next steps



Social ecology of parenthood



The challenge ahead



- 1. RCTs in completed
- 2. RCTs in progress
- . Independent replication studies

A final word



Significant investment in lifestyle focused parenting programs makes good sense. Through better parenting we can ensure a future generation of healthy, happy, capable children and young people



Thank you for your attention

For further information on Lifestyle Triple P

Referral: www.triplepcentre.net

Research: www.pfsc.uq.edu.au/evidence

Training and materials: www.triplep.net