

### Eating for 1, Healthy and Active for 2

### Experiences of facilitating compact training for community midwives

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### **Maternal BMI Statistics- North Wales**

### June 2014 - May 2015

- 28.6% women have a BMI 25-29.9
- 13.4% women have a BMI 30-34.9
- 6.6% women have a BMI 35-39.9
- 4.1% women have a BMI >40

**24.7%** have a BMI≥30

**52.7%** are classified as overweight or obese

(approx 2% did not have a BMI recorded)



diets are 'more likely to have badly behaved children'

Obese mothers 'put babies' hearts at risk'

# **BCUHB** Integrated Care Pathway

- Implemented across the health board in 2013
- All women with a calculated BMI ≥30 at the initial antenatal assessment
- Advice & support to optimise healthy weight management/minimise associated risks of a raised BMI
- Lifestyle tips & signposting on discharge (post pregnancy)



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### INTEGRATED CARE PATHWAY (ICP) Pre-pregnancy, Antenatal, Labour and Postnatal care pathway for women with a raised BMI

#### ICP DEFINITION

This ICP is intended as a guide in providing care for the patient and their family. This multidisciplinary document will replace existing medical and nursing notes during this period of care. Professionals are encouraged to exercise their own professional judgement, however any alteration to the practice identified within this ICP must be recorded. If appropriate, patients can come off the pathway.

Overall Objectives of this care pathway

- To ensure all women of childbearing age have the opportunity, advice and support to
  optimise their weight pre, intra and post pregnancy (RCOG 2010)
- To reduce potential risks associated with obesity in pregnancy (RCOG 2010)
- To assist patients to achieve and maintain a healthy weight before, during and after pregnancy by eating healthily and being physically active and gradually losing weight after pregnancy (NICE 2010)
- To prevent patients from becoming overweight or obese (NICE 2010)
- To reduce the risk of thrombosis and embolism during pregnancy (RCOG 2009)
- To reduce the risk of hypertensive disorders in pregnancy (NICE 2010)

#### CRITERIA FOR USE

Inclusion criteria: BMI 30 kg/m2 and above at booking visit.

#### INSTRUCTIONS FOR USE

Before writing in this ICP, please ensure you have signed the signature sheet (page 2). When using this document please ensure that you date, time and initial against each activity where indicated. It is important to remember that the aim of the ICP is to ensure the most appropriate care is given at the correct time.

If an activity outlined in the ICP has not, for whatever reason, been completed then this must be marked as unmet and detailed in the variance section. The pathway should be filed in the antenatal hand held notes (ANHHN) and used throughout pregnancy. At the onset of labour the pathway should be removed from the ANHHN and placed in the labour notes. Following birth the pathway should be removed from the labour notes and placed with the postnatal hand held notes.

It remains each professional's responsibility to ensure that practice is safe. This ICP is not a replacement for experienced clinical judgement and inter-disciplinary discussions. If you require further information please contact your Manager, Clinical Team Leader or ICP Co-ordinator.

- Management of Women with Obesity in Pregnancy, CMACE/RCOG Joint Guideline (2010)
- Weight management before, during and after pregnancy NICE Guideline (2010) PH27
- Thrombosis and Embolism during Pregnancy and the Puerperlum, Reducing the Risk, Green-top 37 (2009)
- 4. Hypertension in Pregnancy, NICE Guideline (2010) CG107

Issue Date: 15.08.2014 Review Date: 01.08.2016 Page 1 of 21

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# **Responding to Training Needs**



 89% of our midwives wanted access to local nutrition/ weight management training (North Wales Public Health Conference, May 2012)

Specific training needs:

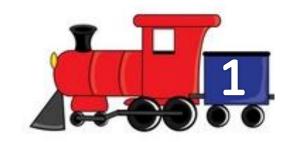
how to approach the topic of weight

to be able to offer positive advice

suitable supplements update on general nutrition

# The Training Journey

### Development



- Consulted with Senior & Community Midwives, a Health Psychologist & Exercise Physiologist
- Observed booking/ antenatal clinics
- Spoke to other services across the UK to explore existing training models
- Reviewed clinical/ public health guidance and related qualitative literature from the perspective of midwives and women
- Formulated learning outcomes to fit around the allocation of a half day 'compact' training model
- Applied for RCM CPD accreditation

# The Training Journey

### Results ...

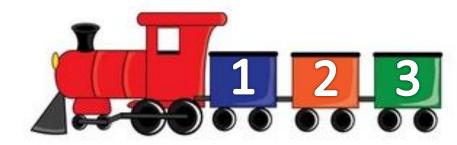


- Published in BMC Pregnancy & Childbirth (Basu et al, 2014)
- Achieved <u>statistically significant</u> improvements in self reported knowledge and confidence e.g.
  - 97% indicated knowledge of pregnancy food & nutrition messages was 'much' or 'somewhat better', with 60% of this figure stating it was 'much better'
  - 83% indicated confidence to explain the risks of a raised
     BMI in pregnancy was 'much better' or 'somewhat better'
- Emerging themes....

Good Quality/ Valued Resources/ Relevant to Midwives/ Much to fit in

## The Training Journey

### Next Steps...

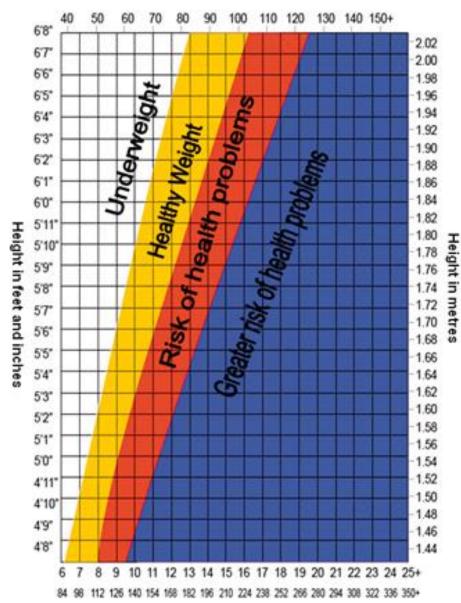


- Included within BM (Hons) Midwifery course Bangor Uni
- Incorporated into Obs & Gynae mandatory training programme across the health board for a full 12/12
- Produce a bi annual e-bulletin with topical updates
- Facilitated a 1 day 'train the trainer' session for other Specialist Dietitians across Wales
- Developed a similar training model for Health Visitors to maximise opportunities for cascading messages to support families and future pregnancies

# **Activities & Resources**



#### Weight in kilograms



Weight in stones (and lbs)

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#### In this range you are underweight:

- You may not be eating enough food to supply your own body and your growing baby with the nutrients you both need
- Being underweight and trying to stay within this range can be unhealthy
- It is important to eat a healthy balanced diet and to try to gain weight

#### The healthiest range:

- You are at least risk of developing weight-related medical problems and having complications during your pregnancy and birth
- For a healthy pregnancy it is important to follow a healthy, balanced diet and include some daily physical activity

### In this range you may be at risk of developing weight related health problems:

- Making small changes to your diet and becoming more active will help to reduce this risk and could also improve any existing health problems
- Making healthy lifestyle changes now will help you avoid gaining excess weight during pregnancy, making it easier to achieve a healthy weight after giving birth

#### In this range your health is at greatest risk:

- You are at increased risk of a number of weight-related complications during pregnancy
- Making changes to the foods you eat and becoming more active will help to reduce the health risk and will benefit both you and your baby
- Making healthy lifestyle changes now will help you avoid gaining excess weight during pregnancy, making it easier to move towards a healthy weight after giving birth

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# Practical tips for helping you engage pregnant women in discussions on weight and weight gain in pregnancy...

<u>Do</u> explain why you want to take her weight and height and check her understanding of BMI.

<u>Do</u> sensitively explain how weight (a raised BMI) can pose some risks during pregnancy (for mum & baby).

<u>Do</u> focus on the positives e.g. when discussing weight related risk factors reassure her about how the risks will be managed; the benefits of additional monitoring/screening.

<u>Do</u> listen to her concerns e.g. how she feels about her weight now she's pregnant.

Do explain that weight loss isn't recommended in pregnancy (regardless of her weight at the start). Instead, focus on the benefits of eating well and being active.

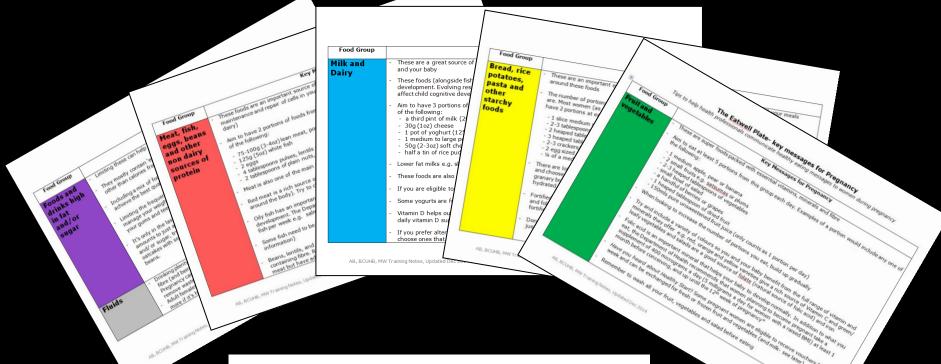
<u>Do</u> give any guidance or advice neutrally e.g. some women find it helpful to try this.... or scientific evidence tells us..... <u>Don't</u> avoid the topic of weight, women can value the opportunity to talk about it when pregnant, particularly if they feel listened to and understood.

<u>Don't</u> use the word 'obese'. It is a clinically accurate term but women often find this offensive. Instead use alternative phrases such as 'a raised BMI' or 'weight above the recommended range'.

<u>Don't</u> be judgemental about her weight, be mindful of your own opinions and put any prejudices you may have to one side.

<u>Don't</u> rush in with your own ideas about what she should do to manage her weight in pregnancy.

Don't reinforce statements such as I'll worry about my weight after I've had the baby'. Reassure her that weight gain is a normal and healthy part of pregnancy, however excessive weight gain can for many women lead to longer term weight retention after pregnancy.



#### The eatwell plate

Use the eatwell plate to help you get the balance right. It shows how much of what you eat should come from each food group.





# Pregnancy Supplements- what to advise?



















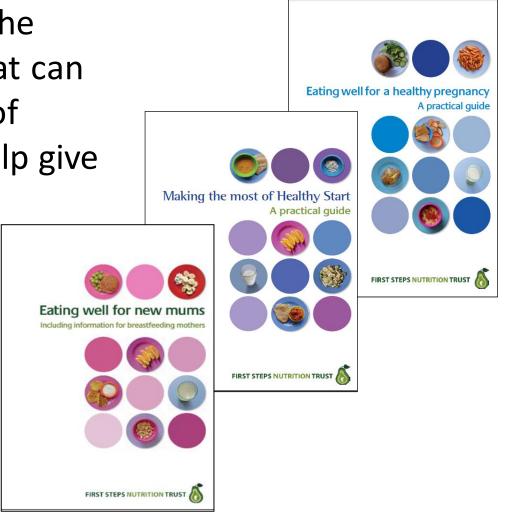
# **British Dietetic Association Fact Sheets**

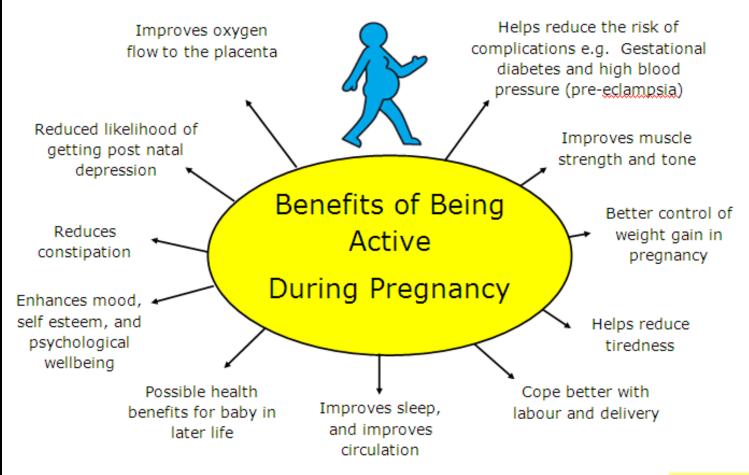


## **Resources: First Steps Nutrition**

Practical guides illustrating the range & amounts of food that can meet the nutritional needs of women in pregnancy and help give baby the best possible start.

Free to download from: www.firststepsnutrition.org







# **Acknowledgements**

### Dr Lynne Kennedy

Professor of Public Health and Nutrition, Chester University

### Dr Karen Tocque

Professor of Health Intelligence at University of Chester

### Sharn Jones

Head of Midwifery Outpatients, BCUHB

### And also:

- The Public Health Dietetics Team, BCUHB
- Colleagues within the North Wales PHW team
- BCUHB Charitable funding

# References

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   <u>https://statswales.wales.gov.uk/Catalogue/Health-and-Social-Care/Births-Deaths-and-Conceptions/Births/livebirths-by-area-ageofmother</u>

# **Helpful Links & Resources**

- NHS choices (Live Well pages) www.nhs.uk
- Start for Life <u>www.nhs.uk/start4life</u>
- First Steps Nutrition
   <u>www.firststepsnutrition.org</u>
- The British Dietetic Association www.bda.uk.com
- Tommy's <u>www.tommys.org.uk</u>

