

Mass General for Children

AAP Committee
on Nutrition:
2000 Policy Statement

"Solid foods should not be introduced into the diet of high-risk infants until 6 months of age, with dairy products delayed until 1 year, eggs until 2 years, and peanuts, nuts, and fish until 3 years of age."

American Academy of Pediatrics, Committee on Nutrition. Hypoallergenic infant formulas. Pediatrics. 2000;106:346 –349

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Food Allergy Myth

"Delay the introduction of highly allergenic foods"

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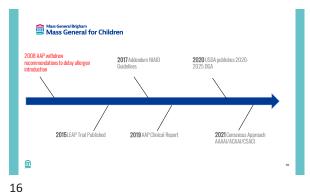
Goals of this Talk:

At the conclusion of the presentation, participants should be able to:

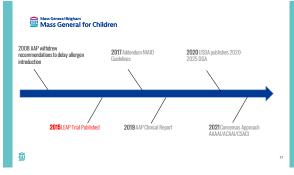
1. Advise against delaying introduction of highly allergenic foods

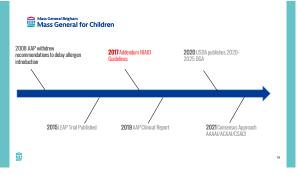
2. Engage in shared decision making conversations with the families of your patients

3. Understand and communicate the available Guidance pertaining to the prevention of atopic disease

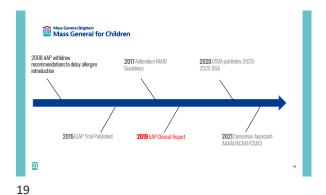


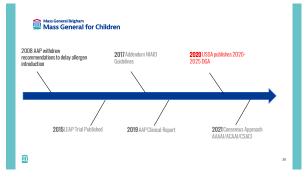
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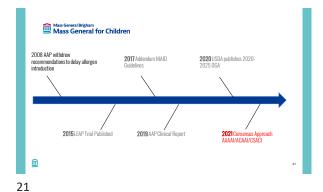




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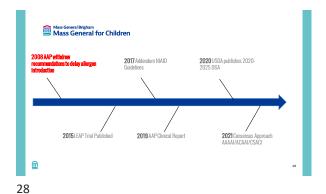








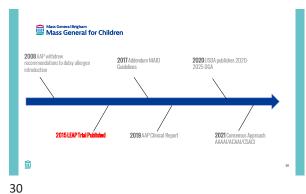


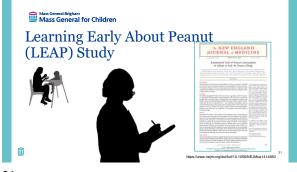


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Mass General for Children AAP Committee on Nutrition and Section on Allergy and Immunology: 2008 Clinical Report "Although solid foods should not be introduced before 4 to 6 months of age, there is no current convincing evidence that delaying their introduction beyond this period has a significant protective effect on the development of atopic disease."

"This includes delaying the introduction of foods that are considered to be highly allergic, such as fish, eggs, and foods containing peanut protein."

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Kopin JJ, et al. JACI 2010;128:807-13

Pairier DJ, et. al. JACI 2017 May; 139(5):1500-1607-a2

Petrier DJ, et. al. JACI 2017 May; 139(5):1501-1598

Pairier DJ, et. al. JACI 2017 May; 139(5):1501-1598

Pairier DJ, et. al. JACI 2017 May; 139(5):1501-1598

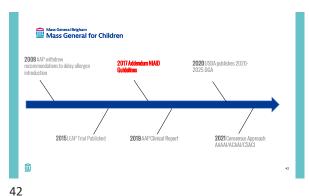
Pairier DJ, et. al. JACI 2017 May; 139(5):1521-1528

Greer FR, Sicherer SH, et al. Pediatrics. 2019 Apr 1; 143(4).

Greer FR, Sicherer SH, et al. Pediatrics. 2019 Apr 1; 143(4).



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Addendum Guidelines for the Prevention of Peanut Allergy in the United States

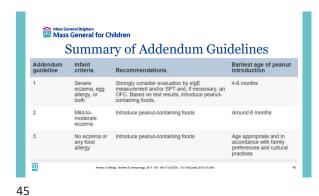
Addendum Guidelines for the Prevention of Peanut Allergy
In the United States

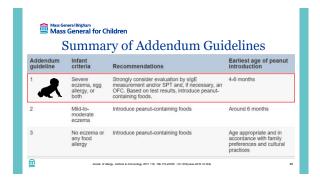
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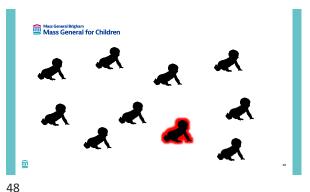
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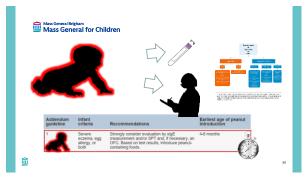
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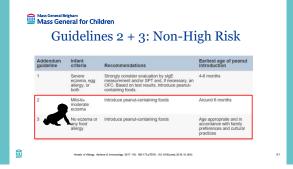


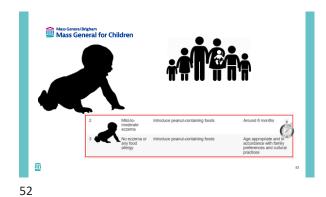


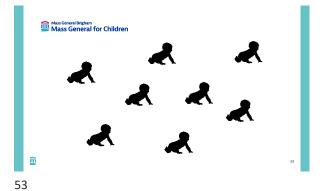


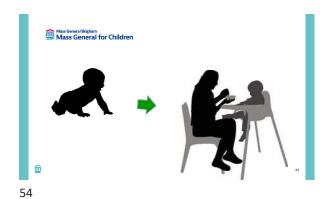


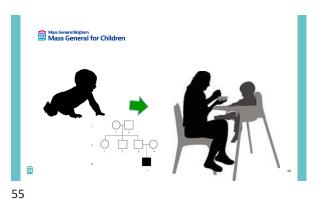


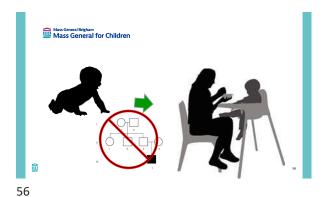












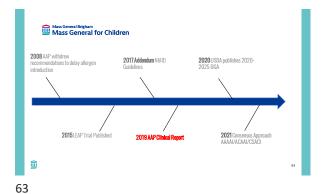


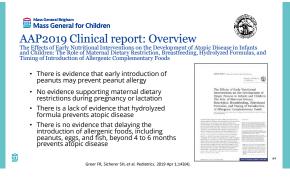


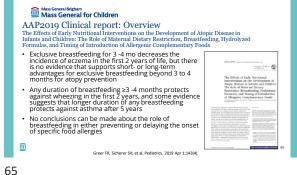


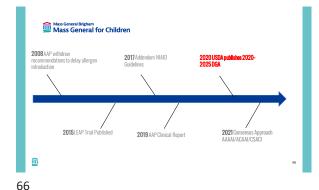














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- Updated jointly by the U.S. Departments of Agriculture (USDA) and Health and Human Services (HHS) every five years
- 1st set of guidelines that provide guidance for healthy dietary patterns by life stage (including infants)
- · Include recommendations consistent with Addendum NIAID Guidelines and AAP 2019 Clinical Report



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DGA 2020-2025: Introduce Nutrient-Dense Complementary Foods at About 6 Months

- Complementary foods, as a supplement to human milk or infant formula feedings, are necessary to ensure adequate nutrition and exposure to flavors, textures, and different types of foods.
- Some infants may show developmental signs of readiness before age 6 months, but introducing complementary foods before a – or waiting until after 6 months - is not recommended
- For infants fed human milk, it is particularly important to include complementary foods that are rich in iron and zinc.
- Provide age and developmentally appropriate foods to help prevent choking U.S. Department of Agriculture and U.S. Department of Health and Human Se

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When Other Complementary Foods are Introduced There is no evidence that delaying introduction of allergenic foods, beyond when other complementary foods are introduced, helps to prevent food allergy.

- Foods like peanuts, egg, cow milk products, tree nuts, wheat, crustacean shellfish, fish, and soy should be introduced when other complementary foods are introduced.
- » Introducing peanut-containing foods in the first year reduces the risk that an infant will develop a food allergy to peanuts.
- » Cow milk, as a beverage, should be introduced at age 12 months or later



U.S. Department of Agriculture and U.S. Department of Health and Human Services. Die Edition. December 2020, Available at DietaryGuidelines.cov.

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DGA 2020-2025: Infants at High Risk for Peanut Allergy

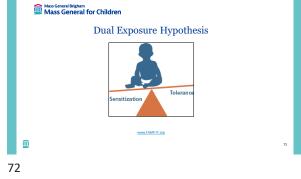
- · If an infant has severe eczema, egg allergy, or both, age-appropriate, peanut-containing foods should be introduced into the diet as early as age 4 to 6 months - this helps reduce the risk of developing a peanut allergy.
- · Caregivers of infants at high risk should check with the infant's healthcare provider before feeding the infant peanut-containing foods.
 - "A blood test or skin prick may be recommended to determine whether peanut should be introduced to the infant, and, if so, the safest way to introduce it. More information is available in the Addendum Guidelines for the Prevention of Peanut Allergy in the United States."

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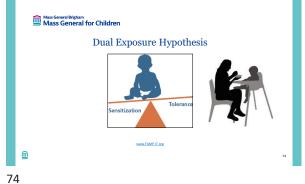
There are still some missing pieces to the puzzle.....

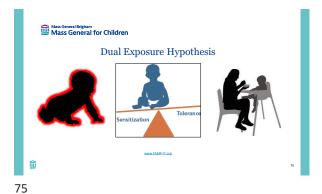


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Age and eczema severity, but not family history, are major risk factors for peanut allergy in infancy

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Age and eczema severity, but not family history, are major risk factors for peanut allergy in infancy

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Age and eczema severity, but not family history, are major risk factors for peanut allergy in infancy

• Among infants with moderate-severe eczema

• Older age was strongly associated with increased risk of peanut allergy

• Eczema severity associated with increased risk of peanut allergy

• Eczema severity associated with increased risks of peanut allergy

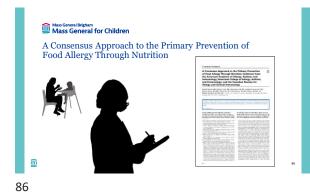
• Eczema severity associated with increased risks of peanut allergy

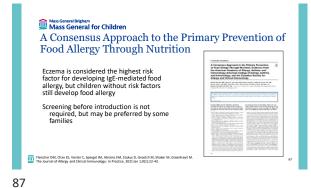
• Eczema severity associated with increased risks of peanut allergy are chical innurvaley, 2001.

There are some work arounds.....



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Mass General for Children A Consensus Approach to the Primary Prevention of Food Allergy Through Nutrition

- To prevent peanut and/or egg allergy, both peanut and egg should be introduced around 6 months of life, but not before 4
- Other allergens should be introduced around this time as well
- Upon introducing complementary foods, infants should be fed a diverse diet, because this may help foster prevention of food allergy



Other countries approaches.....





Other Countries

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Another piece in the puzzle.....



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How does it all fit together for your families?

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Collaborate with Families:
Shared Decision Making

We can share what is known

We can share an understanding and acceptance of uncertainty

We can narrow the gap of knowledge between physician and family

We can empower patients and families

We can promote trust

C. Bradsock, Medical Care Research and Review, Aug 2012

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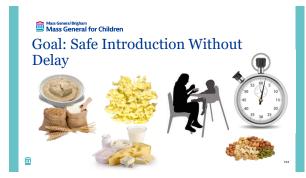
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Address Barriers and Concerns

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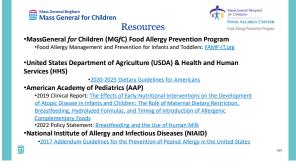


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Thank You!



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