

# A TOAST TO G IAEA PROMOTES NUCLEAR TECHNIQU



- 1 A person's nutrition during their first two years has a profound impact on their health and mental acuity for the rest of their lives.



- 2 Therefore, the IAEA and its Member States take the issue of early life nutrition, and breastfeeding in particular, very seriously; working together to study nutrition's role in development and long-term health.



- 3 The success of national exclusive breastfeeding programmes can be evaluated with nuclear and isotopic techniques.



- 4 These techniques also assess whether children are growing as they should, and evaluate how their bodies absorb vital micronutrients like iron and zinc from the food they eat.

# FOOD HEALTH IES TO IMPROVE NATIONAL NUTRITION



- 5 Also, nuclear techniques can assess muscle wasting, measure bone strength, and assess the level of physical activity in older people. In this photo, a very active 80-year-old, Habiba Aguentaou, prepares a traditional Moroccan meal.



- 6 Nuclear techniques make it possible to conveniently evaluate and monitor people's health and nutritional status. Causing little or no disruption to people's daily lives is ideal for researchers and participants.



- 7 The IAEA promotes the use of nuclear techniques to help Member States achieve the Millennium Development Goals (MDGs) by training scientists, providing experts, and helping to fund the purchase of essential equipment.



- 8 The Agency focuses its nutrition efforts on MDG 4 reduce child mortality, MDG 5 improve maternal health, MDG 6 combat HIV/AIDS malaria and other diseases, and MDG 8 global partnership for development.

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