

Nutrition Response Interventions
for Syrian Refugees
and
Vulnerable Host Community in Jordan
2014 - 2015



This document has been developed by the Nutrition Working Group to ensure a coordinated, cohesive and evidence-based response to the nutritional situation amongst Syrian refugees in Jordan.

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1. Infants 0–6 months

Objectives	Intervention Strategies	Activities	Responsibility/Location Camp/community
1. Strengthen breastfeeding	i. Promote and support key breastfeeding practices (early initiation, exclusive breastfeeding until six months of age and continued breastfeeding)	a. Conduct KAP assessment of health workers relating to IYCF	
		b. Develop and implement a standardized training package ¹ on IYCF to address behavior and knowledge gaps including links with Reproductive Health	Amman: SCJ/UNICEF Aqaba: SCJ/UNICEF Azraq: SCJ/UNICEF EJC: SCJ/UNICEF Irbid: ACF (Niymaa and Kitim) Karak: SCJ/UNICEF Maan: SCJ/UNICEF Zaatari: SCJ/UNICEF
		c. Monitor and supervise the implementation	Amman: SCJ/UNICEF Aqaba: SCJ/UNICEF Azraq: SCJ/UNICEF EJC: SCJ/UNICEF Irbid: ACF (Niymaa and Kitim) Karak: SCJ/UNICEF Maan: SCJ/UNICEF

¹ Training to include information on not advising against breastfeeding in relation to Vitamin D deficiency.

Objectives	Intervention Strategies	Activities	Responsibility/Location Camp/community
Strengthen breastfeeding	Promote and support key breastfeeding practices (early initiation, exclusive breastfeeding until six months of age and continued breastfeeding)	d. Develop key messages on breastfeeding for health workers including doctors	Ajloun: MEDAIR Amman: MEDAIR/JHAS; MEDAIR; SCJ/UNICEF; UNFPA/IFH; UPP/JWU (3 clinics) Aqaba: SCJ/UNICEF Azraq: SCJ/UNICEF; IMC/UNFPA (2 clinics) Cyber City: UNFPA/JHAS EJC: SCJ/UNICEF; UNFPA/IFH Ramtha: MEDAIR/JHAS Irbid: MEDAIR/JHAS; MEDAIR; UNFPA/(UPP/JWU) Jerash: MEDAIR Jordan Valley: UNFPA/IFH KAP²: UNFPA/JHAS Karak: SCJ/UNICEF Maan: SCJ/UNICEF Mafrq: MEDAIR/JHAS; MEDAIR; UNFPA (UPP/JWU) Zaatari: SCJ/UNICEF; JHAS/UNFPA (4 clinics) Zarqa: MEDAIR/JHAS; MEDAIR; UNFPA (UPP/JWU)

² King Abdullah Park

Objectives	Intervention Strategies	Activities	Responsibility/Location Camp/community
Strengthen breastfeeding	Promote and support key breastfeeding practices (early initiation, exclusive breastfeeding until six months of age and continued breastfeeding)	e. Referral of mothers with breastfeeding complications who need medical care	Amman: SCJ/UNICEF; UNFPA/IFH; UPP/JWU (3 clinics) Azraq: SCJ/UNICEF; IMC; IMC/UNFPA (2 clinics) Aqaba: SCJ/UNICEF Cyber City: UNFPA/JHAS EJC: SCJ/UNICEF; UNFPA/IFH Irbid: ACF (Niymaa and Kitim); UNFPA (UPP/JWU) Jordan Valley: UNFPA/IFH KAP: UNFPA/JHAS Karak: SCJ/UNICEF Maan: SCJ/UNICEF Mafraq: UNFPA/ (UPP/JWU) Zaatari: JHAS/UNFPA (4 clinics) Zarqa: UNFPA(UPP/JWU)
		f. Promote breastfeeding at every contact with the health facility including for sick children	Ajloun: MEDAIR Amman: MEDAIR; MEDAIR/JHAS; UNFPA/IFH;UPP/JWU (3 clinics) Azraq: IMC; IMC/UNFPA (2 clinics) Cyber City: UNFPA/JHAS EJC: UNFPA/IFH Irbid: MEDAIR; MEDAIR/JHAS; UNFPA/(UPP/JWU) Jerash: MEDAIR Jordan Valley: UNFPA/IFH KAP: UNFPA/JHAS Mafraq: MEDAIR; MEDAIR/JHAS; UNFPA/ (UPP/JWU) Ramtha: MEDAIR/JHAS Zaatari: JHAS/UNFPA (4 clinics) Zarqa: MEDAIR; MEDAIR/JHAS; UNFPA(UPP/JWU)

Objectives	Intervention Strategies	Activities	Responsibility/Location Camp/community
Strengthen breastfeeding	ii. Integrate breastfeeding promotion into reproductive health services	a. Train and support staff to reach out to women during pregnancy, delivery and postpartum through women's groups, breastfeeding support groups, midwives and EPI staff.	Amman: SCJ/UNICEF Aqaba: SCJ/UNICEF Azraq: SCJ/UNICEF EJC: SCJ/UNICEF Karak: SCJ/UNICEF Maan: SCJ/UNICEF Zaatari: SCJ/UNICEF
		b. Counsel mothers on optimal breastfeeding skills including positioning and attachment during ANC, delivery and PNC including the lactational amenorrhea method	Ajloun: MEDAIR; MEDAIR/JHAS (at OTP/SFP site); Amman: MEDAIR; SCJ/UNICEF; UNFPA/IFH; UPP/JWU (3 clinics) Aqaba: MEDAIR/JHAS (MMU); SCJ/UNICEF Azraq: IMC; SCJ/UNICEF; IMC/UNFPA (2 clinics) Cyber City: UNFPA/JHAS EJC: SCJ/UNICEF; UNFPA/IFH Irbid: MEDAIR; MEDAIR/JHAS; UNFPA/(UPP/JWU) Jerash: MEDAIR; Jordan Valley: UNFPA/IFH Karak: MEDAIR/JHAS (MMU); SCJ/UNICEF Maan: MEDAIR/JHAS (MMU); SCJ/UNICEF Madaba: MEDAIR/JHAS (MMU ³) Mafrq: MEDAIR; MEDAIR/JHAS; UNFPA/ (UPP/JWU) Ramtha: MEDAIR/JHAS Tafilah: MEDAIR/JHAS (MMU) Qatraneh: MEDAIR/JHAS (MMU)

³Mobile Medical Units (MMUs) MMU activity in each location is once weekly pre-announced to beneficiaries

Objectives	Intervention Strategies	Activities	Responsibility/Location Camp/community
Strengthen breastfeeding	Integrate breastfeeding promotion into reproductive health services	Counsel mothers on optimal breastfeeding skills including positioning and attachment during ANC, delivery and PNC including the lactational amenorrhea method	Zaatari: JHAS/UNFPA; SCJ/UNICEF; JHAS/UNFPA (4 clinics) Zarqa: MEDAIR; MEDAIR/JHAS; UNFPA(UPP/JWU)
		c. Referral of mothers with breast feeding complications who need medical care	Amman: SCJ/UNICEF; UNFPA/IFH;UPP/JWU (3 clinics) Aqaba: SCJ/UNICEF Azraq: SCJ/UNICEF; IMC/UNFPA (2 clinics) Cyber City: UNFPA/JHAS EJC: SCJ/UNICEF; UNFPA/IFH Irbid: UNFPA/(UPP/JWU) Jordan Valley: UNFPA/IFH KAP: UNFPA/JHAS Karak: SCJ/UNICEF Maan: SCJ/UNICEF Mafraq: UNFPA/ (UPP/JWU) Zaatari: SCJ/UNICEF; JHAS/UNFPA (4 clinics) Zarqa: UNFPA(UPP/JWU)
		d. Include IYCF in RH supervisory checklists	NWG/RHWG

Objectives	Intervention Strategies	Activities	Responsibility/Location Camp/community
Strengthen breastfeeding	iii. Promote relactation when breastfeeding has been interrupted or has stopped prematurely.	a. Provide support and follow up for mothers interested in relactation	Amman: SCJ/UNICEF; MEDAIR/JHAS (JHAS/UNHCR clinic); UNFPA/IFH;UPP/JWU (3 clinics) Aqaba: SCJ/UNICEF Azraq: SCJ/UNICEF; IMC/UNFPA (2 clinics) Cyber City: UNFPA/JHAS EJC: SCJ/UNICEF; UNFPA/IFH Irbid: MEDAIR/JHAS (JHAS/UNHCR clinic); UNFPA/(UPP/JWU) Jordan Valley: UNFPA/IFH KAP: UNFPA/JHAS Karak: SCJ/UNICEF Maan: SCJ/UNICEF Mafrq: MEDAIR/JHAS (JHAS/UNHCR clinic); UNFPA/ (UPP/JWU) Ramtha: MEDAIR/JHAS (JHAS/UNHCR clinic) Zaatari: SCJ/UNICEF; JHAS/UNFPA (4 clinics) Zarqa: MEDAIR/JHAS (JHAS/UNHCR clinic); UNFPA(UPP/JWU)
	iv. Minimize the risk of artificial feeding	b. Restriction of donations of BMS (Donations must adhere to the terms of the International Code of BMS, as outlined in the Jordan Interagency Guidance Note)	NWG

Objectives	Intervention Strategies	Activities	Responsibility/Location Camp/community
Strengthen breastfeeding	Minimize the risk of artificial feeding	c. Provide breast milk substitutes for babies who are not breastfed (for clinically accepted reasons) after assessment by a midwife.	UNHCR/JHAS (Procurement of Formula) Amman: SCJ/UNICEF Aqaba: SCJ/UNICEF Azraq: SCJ/UNICEF EJC: SCJ/UNICEF Karak: SCJ/UNICEF Maan: SCJ/UNICEF Zaatari: SCJ/UNICEF
		d. Educate mothers about the disadvantage of using bottles and pacifiers	Amman: MEDAIR/JHAS (JHAS/UNHCR clinic); MEDAIR; SCJ/UNICEF; UNFPA/IFH;UPP/JWU (3 clinics) Ajloun: MEDAIR/JHAS (OTP/SFP distribution sites); MEDAIR Aqaba: MEDAIR/JHAS (MMU); SCJ/UNICEF Azraq: SCJ/UNICEF; IMC/UNFPA (2 clinics) Cyber City: UNFPA/JHAS EJC: SCJ/UNICEF; UNFPA/IFH Irbid: MEDAIR/JHAS (JHAS/UNHCR clinic); MEDAIR; ACF (Niymaa and Kitim); UNFPA/(UPP/JWU) Jerash: MEDAIR/JHAS (OTP/SFP distribution sites); MEDAIR Jordan Valley: UNFPA/IFH Karak: MEDAIR/JHAS (MMU); SCJ/UNICEF Maan: MEDAIR/JHAS (MMU); SCJ/UNICEF Madaba: MEDAIR/JHAS (MMU)

Objectives	Intervention Strategies	Activities	Responsibility/Location Camp/community
Strengthen breastfeeding	Minimize the risk of artificial feeding	Educate mothers about the disadvantage of using bottles and pacifiers	Mafrq: MEDAIR/JHAS (JHAS/UNHCR clinic); MEDAIR; UNFPA/ (UPP/JWU) Qatraneh: MEDAIR/JHAS (MMU) Ramtha: MEDAIR/JHAS (JHAS/UNHCR clinic) Tafilah: MEDAIR/JHAS (MMU) Zaatari: SCJ/UNICEF; JHAS/UNFPA (4 clinics) Zarqa: MEDAIR/JHAS (JHAS/UNHCR clinic); MEDAIR; UNFPA(UPP/JWU)
		e. Facilitate the hygienic preparation of formula by parents/guardians & discouraging the use of feeding bottles and replacing them with cups	Amman: SCJ/UNICEF Aqaba: SCJ/UNICEF Azraq: SCJ/UNICEF EJC: SCJ/UNICEF Karak: SCJ/UNICEF Maan: SCJ/UNICEF Zaatari: SCJ/UNICEF
	v. Contribute to the revitalization of the Baby-Friendly Hospital Initiative (BFHI)	f. Develop strategy with Ministry of Health	NWG
2. Strengthen anaemia prevention	i. For babies with low birth weight (less than 2500 grams) and pre-term babies (less than seven weeks), provide iron supplementation	a. Avail protocol	
		b. Train staff	
	ii. Promote delayed cord clamping	a. Discuss delayed cord clamping with RH group	UNFPA

2. Children 6–59 Months

Objectives	Intervention Strategies	Activities	Responsibility/Location Camp/community
<p>1. Promote optimal IYCF practices in children from 6–24 months</p>	<p>i. Capacity building for health workers about infant and young child feeding practices, including timely, appropriate and safe introduction of complementary foods</p>	<p>a. Train child health staff in information and skills about optimal IYCF practices (continued breastfeeding alongside complementary feeding into the second year)</p>	<p>Amman: SCJ/UNICEF; MEDAIR; MEDAIR/JHAS (JHAS/UNHCR clinic) Ajloun: MEDAIR Aqaba: SCJ/UNICEF; MEDAIR/JHAS (MMU) Azraq: SCJ/UNICEF; IMC; UNFPA/IMC EJC: SCJ/UNICEF Irbid: MEDAIR; MEDAIR/JHAS (JHAS/UNHCR clinic) Jerash: MEDAIR Karak: SCJ/UNICEF; MEDAIR/JHAS (MMU) Maan: SCJ/UNICEF; MEDAIR/JHAS (MMU) Madaba: MEDAIR/JHAS (MMU) Mafraq: MEDAIR; MEDAIR/JHAS (JHAS/UNHCR clinic) Ramtha: MEDAIR/JHAS (JHAS/UNHCR clinic) Qatraneh: MEDAIR/JHAS (MMU) Tafilah: MEDAIR/JHAS (MMU) Urban: IMC Zaatari: SCJ/UNICEF; MEDAIR/JHAS Zarqa: MEDAIR; MEDAIR/JHAS (JHAS/UNHCR clinic)</p>

Objectives	Intervention Strategies	Activities	Responsibility/Location Camp/community
Promote optimal IYCF practices in children from 6–24 months	Capacity building for health workers about infant and young child feeding practices, including timely, appropriate and safe introduction of complementary foods	b. Provide support to caregivers about feeding well children, sick children and convalescing children, and refer families who need social support	Amman: MEDAIR/JHAS (JHAS/UNHCR clinic); MEDAIR; SCJ/UNICEF Ajloun: MEDAIR/JHAS (OTP/SFP distribution sites); MEDAIR Aqaba: SCJ/UNICEF Azraq: SCJ/UNICEF EJC: SCJ/UNICEF Irbid: MEDAIR/JHAS (JHAS/UNHCR clinic); MEDAIR; ACF (Niymaa and Kitim) Jerash: MEDAIR/JHAS (OTP/SFP distribution sites); MEDAIR Karak: SCJ/UNICEF Maan: SCJ/UNICEF Mafrq: MEDAIR/JHAS (JHAS/UNHCR clinic); MEDAIR Ramtha: MEDAIR/JHAS (JHAS/UNHCR clinic) Zaatari: SCJ/UNICEF Zarqa: MEDAIR/JHAS (JHAS/UNHCR clinic); MEDAIR
		c. Train, support and supervise community health workers to assess and counsel on feeding practices and identify problem areas that affect the growth and feeding of children 6–59 months	Ajloun: MEDAIR/JHAS (OTP/SFP distribution sites); MEDAIR Amman: SCJ/UNICEF; MEDAIR/JHAS (JHAS/UNHCR clinic); MEDAIR Aqaba: SCJ/UNICEF Azraq: SCJ/UNICEF EJC: SCJ/UNICEF Irbid: MEDAIR/JHAS (JHAS/UNHCR clinic); MEDAIR Jerash: MEDAIR/JHAS (OTP/SFP distribution sites); MEDAIR Karak: SCJ/UNICEF Maan: SCJ/UNICEF

Objectives	Intervention Strategies	Activities	Responsibility/Location Camp/community
Promote optimal IYCF practices in children from 6–24 months	Capacity building for health workers about infant and young child feeding practices, including timely, appropriate and safe introduction of complementary foods	Train, support and supervise community health workers to assess and counsel on feeding practices and identify problem areas that affect the growth and feeding of children 6–59 months	Mafrag: MEDAIR/JHAS (JHAS/UNHCR clinic); MEDAIR Ramtha: MEDAIR/JHAS (JHAS/UNHCR clinic) Zaatari: SCJ/UNICEF Zarqa: MEDAIR/JHAS (JHAS/UNHCR clinic); MEDAIR
		d. Provide IEC material on IYCF	Ajloun: MEDAIR/JHAS (MMU); MEDAIR Amman: SCJ/UNICEF; MEDAIR/JHAS (JHAS/UNHCR clinic); MEDAIR/JHAS (MMU) Aqaba: SCJ/UNICEF; MEDAIR/JHAS (MMU) Azraq: SCJ/UNICEF EJC: SCJ/UNICEF Irbid: MEDAIR/JHAS (JHAS/UNHCR clinic); MEDAIR; ACF (Niymaa and Kitim) Jerash: MEDAIR/JHAS (MMU); MEDAIR Karak: SCJ/UNICEF; MEDAIR/JHAS (MMU) Maan: SCJ/UNICEF; MEDAIR/JHAS (MMU) Madaba: MEDAIR/JHAS (MMU) Mafrag: MEDAIR/JHAS (JHAS/UNHCR clinic); MEDAIR Ramtha: MEDAIR/JHAS (JHAS/UNHCR clinic) Qatraneh: MEDAIR/JHAS (MMU) Tafilah: MEDAIR/JHAS (MMU)

Objectives	Intervention Strategies	Activities	Responsibility/Location Camp/community
Promote optimal IYCF practices in children from 6–24 months	Capacity building for health workers about infant and young child feeding practices, including timely, appropriate and safe introduction of complementary foods	Provide IEC material on IYCF	Zaatari: SCJ/UNICEF Zarqa: MEDAIR/JHAS (JHAS/UNHCR clinic); MEDAIR
		e. Educate caregivers on food safety and proper food handling	Ajloun: MEDAIR/JHAS (OTP/SFP distribution sites); MEDAIR; Amman: SCJ/UNICEF; MEDAIR/JHAS (JHAS/UNHCR clinic); MEDAIR Aqaba: SCJ/UNICEF; MEDAIR/JHAS (MMU) Azraq: SCJ/UNICEF; IMC EJC: SCJ/UNICEF Irbid: MEDAIR/JHAS (JHAS/UNHCR clinic); MEDAIR; ACF (Niymaa and Kitim) Jerash: MEDAIR/JHAS (OTP/SFP distribution sites); MEDAIR; Karak: SCJ/UNICEF; MEDAIR/JHAS (MMU) Maan: SCJ/UNICEF; MEDAIR/JHAS (MMU) Madaba: MEDAIR/JHAS (MMU) Mafrq: MEDAIR/JHAS (JHAS/UNHCR clinic); MEDAIR Ramtha: MEDAIR/JHAS (JHAS/UNHCR clinic) Qatraneh: MEDAIR/JHAS (MMU) Tafilah: MEDAIR/JHAS (MMU) Urban: IMC Zaatari: SCJ/UNICEF Zarqa: MEDAIR/JHAS (JHAS/UNHCR clinic); MEDAIR
		f. Coordinate with health services inside the camp on the uses of the child booklet	UNHCR UNFPA

Objectives	Intervention Strategies	Activities	Responsibility/Location Camp/community
Promote optimal IYCF practices in children from 6–24 months	i. Consider continuation of blanket distribution of micronutrient fortified complementary food for children 6–23 months as appropriate	a. Preparation and sharing of recipes with mothers for optimal use of locally available foods for children 6–23 months	Ajloun: MEDAIR/JHAS (OTP/SFP distribution sites); MEDAIR Amman: MEDAIR/JHAS (JHAS/UNHCR clinic); MEDAIR Irbid: MEDAIR/JHAS (JHAS/UNHCR clinic); MEDAIR Jerash: MEDAIR/JHAS (OTP/SFP distribution sites); MEDAIR Mafrq: MEDAIR/JHAS (JHAS/UNHCR clinic); MEDAIR Ramtha: MEDAIR/JHAS (JHAS/UNHCR clinic) Zarqa: MEDAIR/JHAS (JHAS/UNHCR clinic); MEDAIR
		b. Provide sensitization to mothers and caregivers	Ajloun: MEDAIR/JHAS (OTP/SFP distribution sites); MEDAIR Amman: MEDAIR/JHAS (JHAS/UNHCR clinic); MEDAIR Irbid: MEDAIR/JHAS (JHAS/UNHCR clinic); MEDAIR Jerash: MEDAIR/JHAS (OTP/SFP distribution sites); MEDAIR Mafrq: MEDAIR/JHAS (JHAS/UNHCR clinic); MEDAIR Ramtha: MEDAIR/JHAS (JHAS/UNHCR clinic) Zarqa: MEDAIR/JHAS (JHAS/UNHCR clinic); MEDAIR
		c. Cooking demonstrations	Ajloun: MEDAIR/JHAS (OTP/SFP distribution sites); MEDAIR Amman: MEDAIR/JHAS (JHAS/UNHCR clinic); MEDAIR

Objectives	Intervention Strategies	Activities	Responsibility/Location Camp/community
Promote optimal IYCF practices in children from 6–24 months	Consider continuation of blanket distribution of micronutrient fortified complementary food for children 6–23 months as appropriate	Cooking demonstrations	Irbid: MEDAIR/JHAS (JHAS/UNHCR clinic); MEDAIR Jerash: MEDAIR/JHAS (OTP/SFP distribution sites); MEDAIR Mafrq: MEDAIR/JHAS (JHAS/UNHCR clinic); MEDAIR Ramtha: MEDAIR/JHAS (JHAS/UNHCR clinic) Zarqa: MEDAIR/JHAS (JHAS/UNHCR clinic); MEDAIR
		d. Conduct monitoring of use at household level	Ajloun: MEDAIR Amman: MEDAIR Irbid: MEDAIR Jerash: MEDAIR Mafrq: MEDAIR Zarqa: MEDAIR
	ii. Promote diet diversification initiatives such as vouchers and kitchen gardens	a. Link with Food Security Sector to explore the options of kitchen gardens in camp settings	NWG
2. Prevention and treatment of acute malnutrition	i. Continue to apply International protocols adapted to Jordan context for detection and management of acutely malnourished children	a. Capacity building and training for a limited number of health providers and service delivery related to SAM management	Amman: MEDAIR/JHAS (JHAS/UNHCR clinic) Azraq: IMC Irbid: MEDAIR/JHAS (JHAS/UNHCR clinic) Mafrq: MEDAIR/JHAS (JHAS/UNHCR clinic) MMUs: Medair/JHAS Ramtha: MEDAIR/JHAS (JHAS/UNHCR clinic) Zaatari: MEDAIR/JHAS

Objectives	Intervention Strategies	Activities	Responsibility/Location Camp/community
Prevention and treatment of acute malnutrition	Continue to apply International protocols adapted to Jordan context for detection and management of acutely malnourished children	Capacity building and training for a limited number of health providers and service delivery related to SAM management	Zarqa: MEDAIR/JHAS (JHAS/UNHCR clinic)
		b. Maintain MUAC screening in participating health facilities in and out of camps and new arrivals	Ajloun: MEDAIR/JHAS (OTP/SFP distribution sites); MEDAIR Amman: MEDAIR/JHAS (JHAS/UNHCR clinic); MEDAIR Aqaba: MEDAIR/JHAS (MMU) Azraq: SCJ/UNICEF; IMC EJC: SCJ/UNICEF Irbid: MEDAIR/JHAS (JHAS/UNHCR clinic); MEDAIR Jerash: MEDAIR/JHAS (OTP/SFP distribution sites); MEDAIR Karak: MEDAIR/JHAS (MMU) Maan: MEDAIR/JHAS (MMU) Madaba: MEDAIR/JHAS (MMU) Mafrq: MEDAIR/JHAS (JHAS/UNHCR clinic); MEDAIR Qatraneh: MEDAIR/JHAS (MMU) Rabaa Al Sarhan: SCJ/UNICEF Ramtha: MEDAIR/JHAS (JHAS/UNHCR clinic) Tafilah: MEDAIR/JHAS (MMU) Zaatari: SCJ/UNICEF; UNFPA/JHAS (District 2) Zarqa: MEDAIR/JHAS (JHAS/UNHCR clinic); MEDAIR
		c. Adapt IMCI to include MUAC instead of weight for age	UNICEF

Objectives	Intervention Strategies	Activities	Responsibility/Location Camp/community
Prevention and treatment of acute malnutrition	Continue to apply International protocols adapted to Jordan context for detection and management of acutely malnourished children	d. Continue to build capacity of relevant health staff of existing facilities	Zaatari: SCJ/UNICEF
		e. Maintain referral system for acute malnutrition to selected facilities for appropriate management	Ajloun: MEDAIR/JHAS (OTP/SFP sites) Amman: MEDAIR/JHAS (JHAS/UNHCR clinic) Aqaba: MEDAIR/JHAS (MMU) Azraq: IMC Irbid: MEDAIR/JHAS (JHAS/UNHCR clinic) Jerash: MEDAIR/JHAS (OTP/SFP sites) Karak: MEDAIR/JHAS (MMU) Maan: MEDAIR/JHAS (MMU) Madaba: MEDAIR/JHAS (MMU) Mafrq: MEDAIR/JHAS (JHAS/UNHCR clinic) Qatraneh: MEDAIR/JHAS (MMU) Ramtha: MEDAIR/JHAS (JHAS/UNHCR clinic) Tafilah: MEDAIR/JHAS (MMU) Zarqa: MEDAIR/JHAS (JHAS/UNHCR clinic) Zaatari: JHAS/UNHCR; SCJ/UNICEF
		f. Build capacity of JUH for treating SAM with complications as a referral facility	Medair/JHAS

Objectives	Intervention Strategies	Activities	Responsibility/Location Camp/community
Prevention and treatment of acute malnutrition	ii. Support breastfeeding of all sick children up to 24 months of age; Support feeding during illness and increase variety, frequency and amounts after illness	a. Emphasize optimal feeding practices during illness in health provider training in addition to timely, safe and appropriate complementary feeding including demonstrations of food preparation	Ajloun: MEDAIR/JHAS (OTP/SFP sites) Amman: SCJ/UNICEF; MEDAIR/JHAS (JHAS/UNHCR clinic) Aqaba: SCJ/UNICEF Azraq: SCJ/UNICEF EJC: SCJ/UNICEF Irbid: MEDAIR/JHAS (JHAS/UNHCR clinic) Jerash: MEDAIR/JHAS (OTP/SFP sites) Karak: SCJ/UNICEF Maan: SCJ/UNICEF Mafrq: MEDAIR/JHAS (JHAS/UNHCR clinic) Ramtha: MEDAIR/JHAS (JHAS/UNHCR clinic) Zaatari: SCJ/UNICEF Zarqa: MEDAIR/JHAS (JHAS/UNHCR clinic)
	iii. Strengthen preventive measures for priority micronutrient deficiencies	a. Education and promote ENA messages including recognition of acute malnutrition	
3. Prevent or correct micronutrient deficiencies	i. Strengthen case finding for children under five and pregnant and lactating women with anaemia and other micronutrient deficiencies	a. Iron and folic acid supplementation to be targeted to those who are anemic and at risk of iron deficiency	Amman: MEDAIR/JHAS (JHAS/UNHCR clinic); UNFPA/IFH;UPP/JWU (3 clinics) Azraq: IMC/UNFPA (2 clinics) Cyber City: UNFPA/JHAS EJC: UNFPA/IFH Irbid: MEDAIR/JHAS (JHAS/UNHCR clinic); UNFPA/(UPP/JWU) Jordan Valley: UNFPA/IFH KAP: UNFPA/JHAS Mafrq: MEDAIR/JHAS (JHAS/UNHCR clinic); UNFPA/ (UPP/JWU) Ramtha: MEDAIR/JHAS (JHAS/UNHCR clinic)

Objectives	Intervention Strategies	Activities	Responsibility/Location Camp/community
Prevent or correct micronutrient deficiencies	Strengthen case finding for children under five and pregnant and lactating women with anaemia and other micronutrient deficiencies	Iron and folic acid supplementation to be targeted to those who are anemic and at risk of iron deficiency	Zaatari: JHAS/UNFPA (4 clinics) Zarqa: MEDAIR/JHAS (JHAS/UNHCR clinic); UNFPA(UPP/JWU)
		b. Communicate and mothers, caregivers) about food rich in iron, vitamin A and C, and iron fortified foods	Amman: SCJ/UNICEF; JHAS (JHAS/UNHCR clinic); UNFPA/IFH;UPP/JWU (3 clinics) Aqaba: SCJ/UNICEF; JHAS (MMU) Azraq: SCJ/UNICEF; IMC/UNFPA (2 clinics) EJC: SCJ/UNICEF; UNFPA/IFH Irbid: JHAS (JHAS/UNHCR clinic); UNFPA/(UPP/JWU) Jordan Valley: UNFPA/IFH KAP: UNFPA/JHAS Karak: SCJ/UNICEF; JHAS (MMU) Maan: SCJ/UNICEF; JHAS (MMU) Madaba: JHAS (MMU) Mafrq: JHAS (JHAS/UNHCR clinic); UNFPA/ (UPP/JWU) Qatraneh: JHAS (MMU) Ramtha: JHAS (JHAS/UNHCR clinic) Tafilah: JHAS (MMU) Zaatari: SCJ/UNICEF; JHAS/UNFPA (4 clinics) Zarqa: JHAS (JHAS/UNHCR clinic); UNFPA(UPP/JWU)
		c. Ensure that children under five have received three doses at least four months apart of Vitamin A ⁴	

⁴ Unless they have measles, in which case it should be closer; 100,000 IU with measles vaccine for 9–11 months 200,000IU 12 months and above 200,000 IU Booster doses

Objectives	Intervention Strategies	Activities	Responsibility/Location Camp/community
Prevent or correct micronutrient deficiencies	Strengthen case finding for children under five and pregnant and lactating women with anaemia and other micronutrient deficiencies	d. Consider blanket distribution of fortified porridge for children 6–23 months (see above under Obj. 1)	
		e. Train clinical health workers and community health workers to detect, manage and refer severe VAD	
		f. Screen all children with SAM for anemia	Amman: UNHCR/JHAS Irbid: UNHCR/JHAS Mafrq: UNHCR/JHAS Ramtha: UNHCR/JHAS South Jordan: UNHCR/JHAS (MMU) Zarqa: UNHCR/JHAS
	ii. Strengthen and support the national flour fortification programme and ensure refugees have access	a. Work with MoH to ensure coverage, adequate resources, etc.	NWG

3. PLW Women of reproductive age (including adolescent girls)

Objectives	Intervention Strategies	Activities	Responsibility/Location Camp/community
<p>1. Ensure optimal nutrition in pregnant woman and women of reproductive age</p>	<p>i. Strengthen the prevention and management of anaemia</p>	<p>a. Provide 6 months of iron supplementation in pregnancy to continue for 3 months of lactation (Daily supplements of iron (60mg /day) and folic acid (400ug /day)</p>	<p>Amman: UNHCR/JHAS; UNFPA/IFH;UPP/JWU (3 clinics) Azraq: IMC; IMC/UNFPA (2 clinics) Cyber City: UNFPA/JHAS EJC: UNFPA/IFH Irbid: UNHCR/ JHAS; UNFPA/(UPP/JWU) Jordan Valley: UNFPA/IFH KAP: UNFPA/JHAS Mafrq: UNHCR/JHAS ; UNFPA/ (UPP/JWU) Ramtha: UNHCR/JHAS Zaatari: UNHCR/JHAS; JHAS/UNFPA (4 clinics) Zarqa: UNHCR/JHAS; UNFPA(UPP/JWU)</p>
		<p>b. Treatment dose of iron for women found to be anemic, including appropriate dosages for those found to be severely anaemic⁵</p>	<p>Amman: UNHCR/JHAS; UNFPA/IFH;UPP/JWU (3 clinics) Azraq: IMC; IMC/UNFPA (2 clinics) Cyber City: UNFPA/JHAS EJC: UNFPA/IFH Irbid: UNHCR/JHAS; UNFPA/(UPP/JWU) Jordan Valley: UNFPA/IFH KAP: UNFPA/JHAS Mafrq: UNHCR/JHAS; UNFPA/ (UPP/JWU) Ramtha: UNHCR/JHAS</p>

⁵ Severely anaemic pregnant women are referred for inpatient care; Moderately Anaemic Pregnant women are given treatment dose; All pregnant women are given supplemental doses

Objectives	Intervention Strategies	Activities	Responsibility/Location Camp/community
Ensure optimal nutrition in pregnant woman and women of reproductive age	Strengthen the prevention and management of anaemia	Treatment dose of iron for women found to be anemic, including appropriate dosages for those found to be severely anaemic	Zaatari: UNHCR/JHAS; JHAS/UNFPA (4 clinics) Zarqa: UNHCR/JHAS; UNFPA(UPP/JWU)
		c. Development of key messages on adherence to iron supplementation in pregnancy	Medair – JHAS NWG/RHWG
		d. Conduct counseling on nutrition during pregnancy using different communication materials , interactive group counseling, providing standard messages including Information on dietary inhibitors of iron absorption e.g. tea	Amman: SCJ/UNICEF; UNFPA/IFH;UPP/JWU (3 clinics) Aqaba: SCJ/UNICEF Azraq: SCJ/UNICEF; IMC/UNFPA (2 clinics) Cyber City: UNFPA/JHAS EJC: SCJ/UNICEF; UNFPA/IFH Irbid: UNFPA/(UPP/JWU) Jordan Valley: UNFPA/IFH Karak: SCJ/UNICEF Maan: SCJ/UNICEF Mafraq: UNFPA/ (UPP/JWU) Zaatari: SCJ/UNICEF; JHAS/UNFPA (4 clinics); UNFPA/IRC Zarqa: UNFPA(UPP/JWU)
ii. Identify and manage acute malnutrition	a. Screen for malnutrition in pregnant and lactating women at least twice, including at the first antenatal visit ⁶	Amman: MEDAIR/JHAS (JHAS/UNHCR clinic) Zaatari: JHAS/UNFPA (District 2)	

⁶Use a cut-off point of MUAC < 230 mm for pregnant and lactating (moderate risk as stated in the SPHERE standards and using this cut-off point for admission into malnutrition programmes.

Objectives	Intervention Strategies	Activities	Responsibility/Location Camp/community
Ensure optimal nutrition in pregnant woman and women of reproductive age	iii. Strengthen reproductive health interventions which will contribute to improved maternal nutrition	a. Provide PLWs with information and support for birth spacing with the aim of increasing time between pregnancies, promote hormonal methods of contraception as they reduce anaemia	Amman: UNFPA/JHAS (JHAS/UNHCR clinic); UNFPA/IFH;UPP/JWU (3 clinics) Azraq: IMC/UNFPA (2 clinics) Cyber City: UNFPA/JHAS EJC: UNFPA/IFH Irbid: UNFPA/JHAS (JHAS/UNHCR clinic); UNFPA/(UPP/JWU) Jordan Valley: UNFPA/IFH KAP: UNFPA/JHAS Mafraq: UNFPA/JHAS (JHAS/UNHCR clinic); UNFPA/ (UPP/JWU) Ramtha: UNFPA/JHAS (JHAS/UNHCR clinic) Zaatari: UNFPA/JHAS (JHAS/UNHCR clinic); JHAS/UNFPA (4 clinics) Zarqa: UNFPA/JHAS (JHAS/UNHCR clinic); UNFPA(UPP/JWU)
		b. Strengthen links with Child Protection and SGBV to reduce early marriage and adolescent pregnancy	Amman: MEDAIR/JHAS (JHAS/UNHCR clinic); UNFPA/IFH;UPP/JWU (3 clinics) Azraq: IMC/UNFPA (2 clinics) Cyber City: UNFPA/JHAS EJC: UNFPA/IFH Irbid: MEDAIR/JHAS (JHAS/UNHCR clinic); UNFPA/(UPP/JWU) Jordan Valley: UNFPA/IFH KAP: UNFPA/JHAS Mafraq: MEDAIR/JHAS (JHAS/UNHCR clinic); UNFPA/ (UPP/JWU) Ramtha: MEDAIR/JHAS (JHAS/UNHCR clinic) Zaatari: UNFPA/JHAS (JHAS/UNHCR clinic); JHAS/UNFPA (4 clinics)

Objectives	Intervention Strategies	Activities	Responsibility/Location Camp/community
Ensure optimal nutrition in pregnant woman and women of reproductive age	Strengthen reproductive health interventions which will contribute to improved maternal nutrition	Strengthen links with Child Protection and SGBV to reduce early marriage and adolescent pregnancy	Zarqa: MEDAIR/JHAS (JHAS/UNHCR clinic); UNFPA(UPP/JWU)
		c. Include lactational amenorrhea method in all family planning activities	Amman: MEDAIR/JHAS (JHAS/UNHCR clinic); UNFPA/IFH;UPP/JWU; SCJ/UNICEF Aqaba: SCJ/UNICEF Azraq: IMC/UNFPA Cyber City: UNFPA/JHAS EJC: SCJ/UNICEF; UNFPA/IFH Irbid: MEDAIR/JHAS (JHAS/UNHCR clinic); UNFPA/(UPP/JWU) Jordan Valley: UNFPA/IFH Karak: SCJ/UNICEF Maan: SCJ/UNICEF Mafrq: MEDAIR/JHAS (JHAS/UNHCR clinic); UNFPA/ (UPP/JWU) Ramtha: MEDAIR/JHAS (JHAS/UNHCR clinic) Zaatari: SCJ/UNICEF; JHAS/UNFPA; UNFPA/IRC Zarqa: MEDAIR/JHAS (JHAS/UNHCR clinic); UNFPA(UPP/JWU) UNHCR and UNFPA
	iv. Prevent and manage other micronutrient deficiencies	a. Provide Vitamin A: 400 000 IU in 2 doses of 200 000 IU in an interval of at least 24 hours within 6 weeks after delivery	Azraq: IMC
		b. Communicate and educate PLWs about iron, vitamin A rich food	Amman: MEDAIR/JHAS (JHAS/UNHCR clinic); UNFPA/IFH;UPP/JWU Azraq: IMC/UNFPA Cyber City: UNFPA/JHAS

Objectives	Intervention Strategies	Activities	Responsibility/Location Camp/community
Ensure optimal nutrition in pregnant woman and women of reproductive age	Prevent and manage other micronutrient deficiencies	Communicate and educate PLWs about iron, vitamin A rich food	EJC: UNFPA/IFH Irbid: MEDAIR/JHAS (JHAS/UNHCR clinic); ACF (Niymaa and Kitim); UNFPA/(UPP/JWU) Jordan Valley: UNFPA/IFH Mafrq: MEDAIR/JHAS (JHAS/UNHCR clinic); UNFPA/ (UPP/JWU) Ramtha: MEDAIR/JHAS (JHAS/UNHCR clinic) Zaatari: JHAS/UNFPA; UNFPA/IRC Zarqa: MEDAIR/JHAS (JHAS/UNHCR clinic); UNFPA(UPP/JWU)
		c. Explore possibility of fresh food vouchers	NWG
		d. Pregnant and lactating women should be given a multiple micronutrient supplement providing recommended Nutrient Intake	NWG/RHWG

4. Older people (60 years and over)

Objectives	Intervention Strategies	Activities	Responsibility/Location Camp/community
1. Improved access to food and nutritional support	i. Assess the food security situation of older people (availability/access/consumption/utilization)	a. Involve older people as key-informants during assessments and conduct group discussions with this target group	Zaatari: SCJ/WFP
		b. Review data from food security monitoring exercise in order to make them age sensitive	NWG
	ii. Assess their diet diversity and micronutrients intake	a. Include Diet Diversity Assessment of older people in monitoring exercises	
	iii. Promotion of dietary diversity and balance and its importance for older people	a. Communicate and educate about food rich in iron, vitamin B, calcium Vitamin D, and fiber	Amman: UNHCR/JHAS Aqaba: UNHCR/JHAS (MMU) Irbid: UNHCR/JHAS Maan: UNHCR/JHAS (MMU) Madaba: UNHCR/JHAS (MMU) Mafraq: UNHCR/JHAS Qatraneh: UNHCR/JHAS (MMU) Ramtha: UNHCR/JHAS Tafilah: UNHCR/JHAS (MMU) Zarqa: UNHCR/JHAS
			b. Promote healthy living (prevention of diabetes, high blood pressure: balanced diet and exercise)

Objectives	Intervention Strategies	Activities	Responsibility/Location Camp/community
2. Identify and treat cases of malnutrition	i. Inclusion of malnourished cases in the SFP programs	a. Train clinical health workers and community health workers to detect, and refer malnourished cases (MUAC for undernutrition, abdominal circumference for obesity)	HelpAge
		b. Provide supplementary or therapeutic feeding as necessary (for cases of malnutrition, and/or with mastication problems)	
		c. Provide micronutrients supplementation if diet is lacking	
		d. Link with health services for medical check-up of severely malnourished older people	

5. Vulnerable groups with special nutrition needs

Objectives	Intervention Strategies	Activities	Responsibility/Location Camp/community
1. Ensure special nutritional needs of refugees with non-communicable diseases and other specific and rare conditions ⁷ are met	i. Provide Special Formulas and Special Foods for children with allergies	a. Provide community and facility-based health services with a resource to address the nutrition issues facing children with special needs ⁸	
	ii. Improve child nutrition through education, training, and information dissemination such as hygiene, food safety and nutritional requirements for each age group	a. Ensure clear dietary recommendations are communicated and explained to caregivers/and provide follow up and home demonstrations (e.g. food consistency for CP patients) if possible	
	iii. Ensure clear dietary recommendations for NCDs are available ⁹	a. Train service providers on conducting Individualized Education Program (IEP)	Amman: IMC
b. Conduct regular group sessions on dietary modifications for NCDs		Amman: UNHCR/JHAS; IMC Irbid: UNHCR/JHAS Mafrq: UNHCR/JHAS Ramtha: UNHCR/JHAS Zarqa: UNHCR/JHAS	

⁷ Cerebral palsy, Muscular dystrophy, Metabolic diseases (such as inborn errors of metabolism)

⁸ Example Handbook for Children with Special Food and Nutrition Needs <http://nfsmi-web01.nfsmi.olemiss.edu/documentlibraryfiles/PDF/20080213015556.pdf>

⁹ IMC developed IEC material related to lifestyle and nutrition recommendations in relation to NCDs and risk factors. Material has been supporting community based awareness sessions facilitated by trained volunteers and targeted at individuals with NCDs and/or risk factors.