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Programs for children in military families

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ABSTRACT

Introduction: This article reviews representative programs for families and children from each NATO and Partnership for Peace (PfP) country with a representative participating in the NATO HFM RTG-258 task group on the impact of military life on children in military families. **Methods:** Each participating country was invited to submit up to three programs targeted at military-connected children and families. **Results:** 26 programs from nine countries were reviewed and categorized into 13 typologies. **Discussion:** The number of services offered in each country appeared to be influenced by size of the military, the degree to which military life is separate or immersed in civilian life, and the access to universal and preventive health care. Program descriptions for representative programs are included, as well as recommendations for program development, evaluation, and implementation.

Key words: military families, NATO, resources for children of military parents, support programs for military families, well-being of military children

RÉSUMÉ

Introduction: Le présent chapitre examine les programmes types pour les familles et les enfants de chaque pays de l'OTAN et du Partenariat pour la paix (PPP) qui avait un représentant au sein du groupe de travail Répercussions de la vie militaire sur les enfants de familles militaires. Méthodes: Chaque pays participant a été invité à soumettre jusqu'à trois programmes en lien avec les enfants et les familles militaires. Résultats et discussion: La quantité de services offerts par chaque pays semble être influencée par la taille de la force militaire, la proximité de la vie militaire par rapport à la vie civile, et l'accès à des soins de santé universels et préventifs. La description des programmes présentés par les participants est incluse, ainsi que des recommandations pour l'élaboration, l'évaluation et la mise en œuvre de programmes.

Mots-clés : familles militaires; OTAN, programmes de soutien aux familles militaires, bien-être des enfants militaires, ressources pour les enfants de parents militaires

INTRODUCTION

A growing body of research highlights the impact of parental military service on children.¹ In general, children in military families are doing well, but current research suggests areas of specific risk tied to developmental periods, recency of parental deployment, and parent functioning may affect child mental health and academic functioning.^{1–3} The mental health and well-being of children in military families is supported by the fact that at least one parent is employed (by the military), which is a protective factor identified in child well-being research.^{4–6} In some countries, such as Canada, the United

Kingdom, and the United States, family support is bolstered by additional safeguards provided by the military service, like subsidized housing and childcare. In addition, the military ethos of strength, sacrifice, and being of service may support family resilience in countries with a strong and unique military culture. In the United States, for instance, it is commonly said that when one family member serves in the military, the entire family serves. In addition, considerable research suggests that families play a role in successful military deployment.

Over the last 15 years, researchers have increasingly focused attention on developing programs to better meet

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the needs of children in military families by examining both risk and protective factors of child well-being.¹⁷⁻²² Recommendations centre on the need to study the effectiveness of programs for use with military populations and to ensure that existing programs are adapted to take into account the circumstances that are considered specific for military families.²³ Many researchers also suggest using a family approach to treatment because parents may be more likely to seek support for their children than for themselves. 1,24-26 There are a few evidence-based programs developed specifically for military families with children that target improved family communication, strengthening parent-child relationships, and parenting. Four widely cited^{2,3,17,26} evidence-based programs developed in the United States have been used for military families: After Deployment Adaptive Parenting (ADAPT),²⁷ Families OverComing Under Stress (FO-CUS),²⁴ Passport Toward Success,²⁸ and Strong Families Strong Forces.²⁵ Of these four interventions, only FOCUS has been implemented in one other NATO or Partnership for Peace (PfP) country (Canada), though it has not been evaluated there. At the time this article was prepared (winter 2018), we could not identify any citations for evidence-based, family-level, and military-specific interventions with child outcome data in countries outside the United States, although there is an evaluation of child and adolescent support groups (that include a parent component) underway in Denmark.

We identified one example of a widely disseminated evidence-based intervention in several NATO and PfP countries, the Prevention and Relationship Education Program (PREP; formerly known as the Prevention and Relationship Enhancement Program).²⁹ PREP has undergone randomized controlled trials (RCTs) in the United States and has been implemented in Denmark, Norway, and Sweden. A mixed-methods evaluation is underway in Denmark. However, PREP does not target the parent–child relationship directly; its primary focus is on improving the relationship between couples (i.e., in a military context).

To better understand the variety of services that may support the well-being of children in military families, this task group aimed to identify best practice programs for families and children that addressed the challenges of military life. We aimed to inspire NATO and PfP countries to learn from the experiences of countries that have already developed and evaluated programs because developing new programs is costly and may not always include evaluation of efficacy. Consequently, this article

provides an overview of programs considered "best practice" in NATO and PfP countries, including type and purpose of program, target audience, theoretical foundation, and whether the program has undergone evaluation.

METHODS

Representatives of the NATO Human Factors Medicine Research Task Group-258 (HFM RTG-258) completed a survey about programs aimed at improving the lives of children in military families in their own country, which may include enhancing family dynamics or helping children adapt to changing military contexts. The representatives were asked to submit information to the authors of this article about as many as three programs that represented the types of services available to military families in their country, or programs that were considered innovative or particularly helpful to children of military families.

The task group representatives collectively determined that it would not be feasible to review more than three programs per country and that doing so might further weight the report toward programs developed in countries with larger military services (the United States, Canada, and the United Kingdom). The task group representatives were advised to prioritize programs that had a theoretical basis and that had demonstrated evidence for their effectiveness or had undergone some form of program evaluation (i.e., quantitative, qualitative, or mixed-methods) that included outcomes for children. If no such program (or less than three programs) met these criteria, task group representatives were invited to submit information about other existing military family programs.

Because the submission limit (three programs) suppressed the variety of program type from each country, we sent a secondary chart that listed the primary categories of identified services and asked the task group representatives to indicate whether their country had programs in one or more of the listed categories. The categorization of the submitted programs from each country was done by the authors of this article and was based on (1) country, (2) type of program, (3) target audience, and (4) information about whether the programs had a theoretical foundation and had undergone evaluation. The categorization was primarily done by the first author and discussed with the co-authors. In case of disagreement, a common solution was prioritized after a discussion.

RESULTS

A total of 36 programs were submitted from 9 countries (Canada, Denmark, Estonia, Germany, Norway, Romania, Sweden, the United Kingdom, and the United States). However, some representatives submitted more than three programs and some only submitted one program. When more than three programs were submitted, the authors prioritized the three that had undergone program evaluation, bringing the total number of programs included in this report to 26.

Table 1 shows the 26 programs that were selected from the submitted programs. The programs were categorized by type: informational/educational resources/support centres, financial support for education, financial support for material necessities or hobbies, family retreats, couples retreats, camps for children, family-level programs, couple-level programs, parenting classes, intervention/support groups for children and teenagers, online counselling, books for children, and wellness mobile apps. For example, seven of nine countries handed in information about programs that could be grouped under informal/educational resources/support centres and couple-level programs.

Table 2 shows the 13 typologies and which countries offer programs within each category, as reported by country representatives. As shown, evidence-based or widely disseminated programs were included in the list specifically (not just by category), namely PTSD Family Coach, FOCUS, ADAPT, and PREP.

Table 3 lists each of the programs, target audiences, evaluation methods, and references. Two programs have a randomized controlled effectiveness trial or comparison groups (ADAPT and FOCUS), eight have mixed-methods evaluations, three qualitative evaluations, and four have user satisfaction and feedback singularly (not as part of mixed-methods/qualitative methods).

DISCUSSION

This article provided an overview of NATO and PfP country programs with a focus of improving the lives of children in military families. Results of our survey of the task group members (details presented in the **Table 1** through **Table 3**) illustrate the diverse range of programs across countries, including evidence-based and promising practices.

The importance of supporting child well-being in military families is a relatively new area of research that has received increasing attention over the last 15 years³⁰

because of research suggesting that there are distinct factors that place children in military families at risk for psychological and behavioural disorders. A new tendency seems to be emerging among researchers, however, who have begun investigating military children's potential resources and strengths and the positive outcomes of a military lifestyle.³¹ To reduce the impact of specific risk factors, several programs have been developed to better support the well-being of children in military families. Each country with a participating task group representative offered at least one program that targets the needs of children, though often programs impacted the child indirectly through intervention with the parents (e.g., PREP, couple-level programs, financial support; see Table 2).

Our results identified variability not only in the number of available military-specific programs, but also in the types of programs offered across each of the NATO and PfP countries. We found that some countries had relatively fewer child- and family-focused military programs available, whereas countries such as Canada and the United States had many programs targeting military families, with a wider variety of service types. An important factor affecting the quantity as well as focus of the programs available in the countries represented in this report is the presence or absence of a state welfare system (see Chapter 5). Countries that offer state-funded health care often have a focus on universal, selective, or indicated prevention programming that may help to reduce the need for military-centric services. For example, in many of the Scandinavian countries, new parents and their infants may receive home visiting services to support the health and well-being of both the child and parents.³² Such services are not automatically available in other countries. In the United States, for example, home visiting services are only publicly funded for families that have a specific risk factor and qualify for public funding assistance, but are offered to military families as a specific military-centric program.³³ This is in contrast to Denmark and Sweden, for instance, where all families regardless of their military service involvement can receive home visiting services.³⁴ In other words, support for military families is, in some countries, part of the national health care services provided for all families.

The availability of evidence-based programs submitted by representatives from the task group varied across countries (see **Table 1** and **Table 3**). For the purpose of this article, we requested programs that had

Table 1. NATO and PfP countries and their submitted programs targeting military children and families

								Type of program	gram					
		Informa- tional/ed- ucational resources/	Financial support for educa- tion	Financial support for material al neces-	Fam- ily re- treats	Cou- ples re- treats	Camps for chil- dren	Family- level pro- grams	Couple- level pro- grams	Parenting classes	Inter- vention/ support groups for	Online	Books for chil- dren	Well- ness mobile apps
		centres		hobbies							and teen- agers			
Canada	Road to Mental Readiness: Family compo- nent	×						×	×			×		
	E=MC3							×						
	iSTEP program										×			
Denmark	PTSD Family Coach app	×												×
	PREP for couples					×			×					
	Support groups for children & teenagers										×			
Estonia	Missiooni Perede Toetus Programm (MPT) website	×												
	Carolin Illenzeer Fund		×	×										
	Wellness week- ends				×									
Germany	Books for children												×	
	Bundeswehr- betreungs- organisation	×												
	Seminar for soldiers/partners								×					

Norway	Package & workbook	×									×	
	Min Tur Ut				×							
	PREP for cou- ples				×		×					
Romani	Romania Deployment workshops	×										
	VeteRUN			×								
	Holiday support								×			
Sweden	PREP for cou- ples				×		×					
	Invidzonen – Family Zone	×		×	×	×			×	×	×	
	SSHF (Svenska Soldathemsför- bundet)	×		×	×		×			×		
¥	Service Pupil Premium		×									
	Family Activity Breaks			×								
SN	FOCUS					×	×	×	×			
	Operation Purple Camp			×	×							
	ADAPT						×					

Adapted from Science and Technology Organization, North Atlantic Treaty Organization (NATO). Impact of military life on children from military families [Internet]. Final report of NATO HFM RTG-258. AC/323(HFM-258)TP/859. Neuilly-sur-Seine Cedex, FR: NATO; 2019. Available from: https://sto.nato.int/publications. (Accessed September 12, 2019).

PfP = Partnership for Peace; PTSD = posttraumatic stress disorder; PREP = Prevention and Relationship Education Program; UK = United Kingdom; US = United States; FOCUS = Families OverComing Under Stress; ADAPT = After Deployment Adaptive Parenting.

Table 2. Type of program targeting military children and families in NATO and PfP countries

Type of program	Canada	Denmark	Estonia	Germany	Norway	Romania	Sweden	UK	US
Informational/educational resources/support centres	Х	Х	Х	Х	Х	Х	Х	Χ	X
Financial support for education			Χ					Χ	Χ
Financial support for material necessities or hobbies			Χ						Χ
Family retreats		Χ	X	Χ		Χ			Χ
Couples retreats		Χ		Χ	Χ		Χ		Χ
Camps for children				Χ	Χ			Χ	Χ
Family-level programs	X						Χ		Χ
Couple-level programs	X	Χ		Χ	X		X		Χ
Parenting classes									Χ
Intervention/support groups for children and teenagers	Χ	Χ				Χ	Χ		Χ
Online counselling							Χ		Χ
Books for children		Х		Χ			Х		Χ
Wellness mobile apps		Χ							Χ
Legal Aid									Χ
FOCUS	X								Χ
PREP		Χ			Χ		Χ		Χ
ADAPT									Χ
PTSD Family Coach app		Χ		Χ					Χ

Adapted from Science and Technology Organization, North Atlantic Treaty Organization (NATO). Impact of military life on children from military families [Internet]. Final report of NATO HFM RTG-258. AC/323(HFM-258)TP/859. Neuilly-sur-Seine Cedex, FR: NATO; 2019. Available from: https://sto.nato.int/publications. (Accessed September 12, 2019).

PfP = Partnership for Peace; UK = United Kingdom; US = United States; FOCUS = Families OverComing Under Stress; PREP = Prevention and Relationship Education Program; ADAPT = After Deployment Adaptive Parenting; PTSD = post-traumatic stress disorder.

child-related outcomes, even if they only demonstrated feasibility or satisfaction. Most task group representatives were not able to put forth three such programs. One possible explanation for this could be the limited number of military-specific programs with research to support their efficacy. Evaluation is costly and some countries may have adapted programs that have already been evaluated in the country of origin (such as PREP).

It is important to note that we did not request programs that were implemented more broadly across the population if they were not also specifically adapted for use with military families. Adaptation is an important aspect of implementation because it is important to ensure that an intervention can appropriately meet the cultural context and specific needs of the target population. As a result, several of the submitted programs had been used in a more general (non-military) population with additional adaptation for military-specific challenges.

For example, Denmark's support groups for children and teenagers of parents with deployment-related mental health symptoms, such as PTSD, depression, or anxiety, were adapted from an evidence-based support group curriculum available to Danish children having a parent suffering from mental illness.³⁶ In order to ensure that the intervention was responsive to the needs of the military community, it was important to augment the population-based program for use in military families to account for the additional challenges that can come from repeated or extended separations from a primary caregiver, parental risk, and other challenges associated with parental deployment and combat-related injuries. The military-specific adaptation is currently being evaluated.

It is important to note, however, that programs not specifically targeted at military families may be efficient and successful among service personnel and their family

Table 3. NATO and PfP countries and their programs targeting military children and families - detailed

Country	Program name	Description/overview	Target audience	Evaluation?
Canada	Road to Mental Readiness: Family Compo- nent	Provides parents with guidance and skills to help mitigate the stress of the deployment experience (pre-, during, and post-) for parents with relevance to children. No references	Parents	In progress (short survey)
	E=MC3	The program is for families with children (4–12 years) dealing with a family member affected by an operational stress injury (OSI). The goal of the program is to develop each family member's strengths to improve individual and family well-being.	Family	Qualitative evaluation
		1. Hachey, K. K. (August, 2015). Experiences and Care of Children of III and Injured Canadian Armed Forces Members: A Parental Perspective. DGMPRA Scientific Report. DRDC-RDDC-2015-R147.	anadian Armed Forc	es Members: A Parental Perspective.
		2. Hachey, K. K. (June, 2015). Experiences and Care of Children of III and Injured Canadian Armed Forces Members: Perspectives from Subject Matter Experts. DGMPRA Scientific Report. DRDC-RDDC-2015-R112.	adian Armed Forces	Members: Perspectives from Sub-
		3. Hachey, K. K. (2015). Children of III and Injured Canadian Armed Forces Members: Perspectives from Parents and Subject Matter Experts. Military Behavioral Health, 4 (3), 251–259.	Perspectives from P	arents and Subject Matter Experts.
	iSTEP program	The program is designed for children ages 6–12 who have a parent affected by an OSI. Through education and peer support, children can normalize and validate their feelings and develop coping tools to deal with the changes occurring in their lives as a result of their parent's injury.	Child	Qualitative evaluation
		No references		
Denmark	PTSD Fam- ily Coach app	Danish version of the smartphone app PTSD Family Coach, developed by the US Department of Veterans Affairs, is available to family members of Danish Veterans with PTSD. The app is designed to facilitate learning about PTSD and related mental health problems, stress management and access to support, as well as to provide a tool for assessment and monitoring of the user's stress level.	Parents	Mixed-method evaluation
		1. Hoffman, J. E., Wald, L. H., Owen, J. E., Kuhn, E., Jaworski, B. K., Ramsey, K. M., & Iverson, K. (2015) PTSD Family Coach (version 2.0) [Mobile application software].	k Iverson, K. (2015) F	PTSD Family Coach (version 2.0)
		2. Hoffman, J. E., Wald, L. J., Kuhn, E., Greene, C., Ruze, J. I., Weingardt, K. (2011). PTSD Coach (version 1.0) [Mobile application software].	TSD Coach (version	1.0) [Mobile application software].
		3. Olff, M. (2015). Mobile mental health: a challenging research agenda. European Journal of Psychotraumatology, 6, 1-8.	rnal of Psychotraum	natology, 6, 1–8.
		4. Gravenhorst, F., Muaremi, A., Bardram, J., Grünerbl, A., Mayora, O, Wurzer, G.,, & Tröster, G. (2014). Mobile phones as medical devices in mental disorder treatment: an overview. Personal and Ubiquitous Computing, 19, 335–353.	& Tröster, G. (2014). 335–353.	Mobile phones as medical devices
		5. Kuhn, E., Greene, C., Hoffman, J., Nguyen, T., Wald, L., Schmidt, J.,, & Ruzek, J. (2014). Preliminary evaluation of PTSD Coach, a smart-phone app for posttraumatic stress symptoms. Military Medicine, 179, 12–18.	. (2014). Preliminary	evaluation of PTSD Coach, a smart-
		6. Owen, J., Jaworski, B., Kuhn, E., Hoffman, J., Ramsey, K., & Rosen, C. (2015). Phase I trial of the PTSD Family Coach mobile app: Recruitment, procedures and preliminary findings. Abstract 1137 at the <i>International Society for Traumatic Stress</i> Studies (31st annual meeting).	se I trial of the PTSD ty for Traumatic Stre) Family Coach mobile app: Recruit- sss Studies (31st annual meeting).

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Table 3. (Table 3. (Continued)			
Country	Program name	Description/overview	Target audience	Evaluation?
	Prevention and Re- lationship Enhance- ment Program (PREP) for soldiers,	Since June 2015, PREP courses have been offered to Veterans, soldiers, and their partners. PREP is run by the Danish Veteran Centre/Danish Defense, which provides six to seven courses annually. The courses were developed in cooperation with Center for Familieudvikling (copyright on the Danish PREP concept). PREP is the most complete and well-respected divorce-prevention/marriage-strengthening program based on an educational approach with emphasis on teaching communication and conflict resolution skills to couples for relational success.	Couples Mixed-r	Mixed-method evaluation
	Veterans, and part-	1. Loft, L. T. G. (2014). Parinterventioner og samlivsbrud: En systematisk forskningsoversigt. Copenhagen: SFI- Det Nationale Forskningscenter for Velfærd.	versigt. Copenhagen: SFI- D	let Nationale Forskningscen-
	5	2. Stanley, S. M., Allen, E. S., Markman, H. J., Rhoades, G. K., & Prentice, D. L. (2010). Decreasing divorce in army couples: Results from a randomized controlled trial using PREP for Strong Bonds. Journal of Couple & Relationship Therapy, 9, 149–160.)). Decreasing divorce in armitionship Therapy, 9, 149–16	ny couples: Results from a 30.
		3. Spanier, G.B. (1976). Measuring dyadic adjustment: New scales for assessing the quality of marriage and similar dyads. Journal of Marriage and the Family, 38, 15–28.	quality of marriage and simila	ar dyads. Journal of Marriage
		4. Halford, W. K., Markman, H. J., Kline, G. H., & Stanley, S. M. (2003). Best practice in couple relationship education. Journal of Marital and Family Therapy, 29, 385–406.	in couple relationship educat	tion. Journal of Marital and
		5. Markman, H. J., Renick, M. J., Floyd, F. J., Stanley, S. M., & Clements, M. (1993). Preventing marital distress through communication and conflict management training: A 4- and 5-year follow-up. Journal of Consulting and Clinical Psychology, 61, 753-76.	Preventing marital distress the Aclinical Psychology, 61, 75	irough communication and 3-76.
	Support groups for children and teen- agers	Socializing with other children in the same situation can provide information, knowledge, and support to children having a parent with metal health problems. The support groups are combined with a parent group for the purpose of stimulating communication about the topic between parents and children, but also to stimulate networking and sharing within the parent group. The groups consist of a 10-session curriculum offered to children from 8–12 and	Child, parents Mixed-r	Mixed-method evaluation

4. Pollmann, J. B., Gjelstrup, J. W., & Vedtofte, M. S. (2016). Samtalegrupper for børn og unge – en procesevaluering. Retrieved from: http://veteran.forsvaret.dk/Omos/publikation/Documents/Gruppesamtaler_til_Born_og_Unge.pdf

Ruscio, A. M., Weathers, F. W., King, L. A., & King, D. W. (2002). Male war-zone Veterans' perceived relationships with their children: the

importance of emotional numbing. Journal of Traumatic Stress, 15, 351-357.

2. Nordenhof, I., Eide, G. (2013). Børne- og ungegrupper – veje til mestring i teori og praksis. København: Akademisk Forlag.

1. Nordenhof, I. (2008). Narrative familiesamtaler: Med udsatte børn og deres forældre. København: Akademisk Forlag.

12-16 years.

Number of visits per day, qualitative feedback ment. In: Third Annual Military Social Work pson Center, The University of Texas at	Money collected; number of children supported	User satisfaction	Book reviews	bundeswehr.de/portal/a/einsatzbw/start/ :SHB_PezG8YoHAGKtgyDkyPUrDJ- o0OimmpnFkqPdnkoZRJnLGHFrIJ5JLt- :0FBIS9nQSEh/#Z7_B8LTL2922DTU-	None
Parents iri, 4, 22–23. es during deploy es. Joe C. Thorr	Child	Family	Child	om www.einsatz /k26dCHb5eom: bnTScG1Vc2FH iz/d5/L2dBISEvī	Child, parents
Since 2009, the family members of the deployed servicemen have access to the Parents Number of visits per day, qualitative restricted homepage. The homepage provides up-to-date information, counselling, and a chat room. 1. Siplane, A. (2015). Mille pärast muretseb sõduri naine? Sõdur: Eesti sõjandusajakiri, 4, 22–23. 2. Truusa, TT., & Siplane, A. (2015). Using internet forums to support military families during deployment. In: Third Annual Military Social Work Conference Strengthening Military Families Through Effective Community Practices. Joe C. Thompson Center, The University of Texas at Austin, September 16–18, 2015.	Since 2011, the aim of the Carolin Illenzeer Fund is to collect financial and social assistance resources to support the children of the members of the Estonian Defence Forces who have been killed or severely injured in the line of duty. The fund covers mainly the schooling costs or supports the hobby activities of the children. No references	Since 2013, the families have the possibility to stay for a weekend at a wellness centre. They can choose between different wellness centres in Estonia. The idea is that the weekend at a wellness centre will support the reunion of the family members after the deployment, relations between family members, etc.	Children often attribute a service member parent's behaviour to their own failings or to not being loved anymore. The book can support the reattribution of the parent's behaviour to the deployment-related illness. It can help children understand that it is not their fault and that there is help available for his/her parent and their family. The book aims to prevent the secondary traumatization of the child, resulting psychological stress or mental disorders or eventual developmental impairments.	 Beckmann, U. Karl the Bear Reporter (Karl der Barenreporter). (n.d.). Retrieved from www.einsatz.bundeswehr.de/portal/a/einsatzbw/starl/familienbetreuung/lut/p/z1/hY9PC4JAEMW_kbNu6drRPwmCaKBW7iUWXcywXVk26dCHb5eomzSHB_PezG8YoHAGKtgyDkyPUrDJ-9C31L1GQ1zneYZzUTYiyvYfKK42KMVwhNO_EWpitFlhggrn0BoGWWCQqIAC7bnTScG1Vc2FH00OimmpnFkqPdnkoZRJnLGHFrJ5JLt-95T78uMwbYiHoFakpQXe2MKev13W2aehvTLRT_wgu_BjzPc0KApveAMXJvtM/dz/d5/L2dBISEvZ0FBIS9nQSEh/#Z7_B8LTL2922DTU-A0IE50OSCD30F7 	The centres provide a link to different experts/representatives of the military psychosocial network, psychologists, social workers, military chaplaincy, and eventually medical experts. They also address questions like what is my partner doing in his/her deployment? How can I reach him/her in case of emergency? How do other families deal with the long separation and the deployment experience? Who can help me if everything has changed? Who can help me if I need someone to look after my children? They also organize excursions for families of the deployed. 1. Bundeswehr im Einsatz. (n.d.) Retreived from www.einsatz.bundeswehr.de
Missiooni Perede Toetus Programm (MPT) website: support program for fami- lies with a deployed	Carolin Illenzeer Fund	Wellness Weekends	Books for children		Bunde- swehr- betreu- ungs- organisa- tion
Estonia			Germany		and Family Health 109

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Table 3.	Table 3. (Continued)			
Country	Program name	Description/overview	Target audience	Evaluation?
	Seminar for	Three-day seminar consisting of three modules:	Couples	Assessment at pre-, post-, and 3
	soldiers/ partners	 Module 1: Educating on the psychological background of deployment-related mental disorders and their treatment in the context of the German Armed Forces. 		months follow-up
		 Module 2: Emotional relief by sharing the emotional burden with other partners and creating group cohesion. 		
		 Module 3: Empowerment: Strengthening resources 		
		 Wesemann, U., Jensen, S., Kowalski, J. T., Gewandt, A., Kröger, C., Fischer, C.,, & Zimmermann, P. (2015). Einsatzbedingte posttraumatische Belastungsstörung im sozialen Umfeld von Soldatinnen. Eine explorative Studie zur Entwicklung und Evaluierung eines Angehörigenseminars. Trauma & Gewalt, 9, 2–11. 	., & Zimmermann, P. udie zur Entwicklunç	(2015). Einsatzbedingte posttrauma- g und Evaluierung eines Angehörigen-
Norway	Package & workbook	The activity takes place in the soldier's home with his/her family, using the workbook, country maps, and stationery. The book and package are given out to make it easier to talk about what is happening. These packages are offered before deployment on Family Day, so the soldier can use the book together with the children before he or she deploys.	Family	None
		No references		
	Min Tur Ut	Since 2012, the Norwegian Veteran Center has offered a 1-week camp for children 12–15 years old. This camp is for youngsters who are children of Veterans who have served, are serving, or will serve for the Norwegian defence in military operations abroad. The purpose of this program is to allow children to meet, share experiences, and build networks.	Child	User satisfaction
		1. Norway Forsvaret (February 2018). Min Tur Ut. Retrieved from https://forsvaret.no/tjeneste/veteraner/veteransenteret/ungdomscamp	'tjeneste/veteraner/v	eteransenteret/ungdomscamp
	PREP for Strong Bonds	The PREP concept (and also a modified version for military couples: PREP for Strong Bonds) was developed by Professor Howard J. Markman and is the most complete and well-respected divorce-prevention/marriage-strengthening program. Couple education can reduce the risk of divorce, at least in the short run with military couples.	Couples	Mixed-method evaluation

1. Loft, L. T. G. (2014). Parinterventioner og samlivsbrud: En systematisk forskningsoversigt. Copenhagen: SFI- Det Nationale Forskningscen-

ter for Velfærd.

- Lübeck, K., & Sarkadi, A. (2004). Samverkan till samsyn en resa genom par, grupper och organisationer. Rapport. Mora., Sweden, 2009, რ
- 4. Halford, W. K., Markman, H. J., Kline, G. H., & Stanley, S. M. (2003). Best practice in couple relationship education. Journal of Marital and Family Therapy, 29, 385-406.
- Markman, H. J., Renick, M. J., Floyd, F. J., Stanley, S. M., & Clements, M. (1993). Preventing marital distress through communication and conflict management training: A 4- and 5-year follow-up. *Journal of Consulting and Clinical Psychology*, 61, 753–760. 5.

None	None	None	Mixed-method evaluation	openhagen: SFI- Det Nationale Forskningscen-	oildning vid Soldathemsförbundet. Uppsala Uni-	yanisationer. Rapport. Mora., Sweden, 2009,	relationship education. Journal of Marital and	y marital distress through communication and Psychology, 61, 753-760.	sh soldiers and Veterans. Emerging interaction, Report in Social Work, Kristianstad University.	child Mixed-method evaluation, qualitative research	
Family	Family	Ohild	Couples	oversigt. C	elationsutb <i>atrik</i> , 1–13.	per och org	e in couple	Preventing nd Clinical	s of Swedis . Research	Parents, child	
This program is designed to provide information and training of military personnel and their families before, during, and after deployment abroad. The main task is to help military personnel and their families adapt to the new situation.	A cross competition with a cultural component, involving both military personnel and civilian society. The main task is to facilitate a better integration in society for military Veterans. The program also has a team-building component.	A national holiday providing targeted services and support to the families and children of military personnel who were killed or injured in action. No references	The PREP concept (and also a modified version for military couples: PREP for Strong Bonds) was developed by Professor Howard J. Markman and is the most complete and well-respected divorce-prevention/marriage-strengthening program. Couple education can reduce the risk of divorce, at least in the short run with military couples.	1. Loft, L. T. G. (2014). Parinterventioner og samlivsbrud: En systematisk forskningsoversigt. Copenhagen: SFI- Det Nationale Forskningscenter for Velfærd.	2. Engsheden, N., & Sarkadi, A. (2014). "Jag önskar att fler kunde gå kursen"- Om relationsutbildning vid Soldathemsförbundet. Uppsala Universitet. Insitutionen för kvinnors och barns hälsa. <i>Forskargruppen för Socialpediatrik</i> , 1–13.	3. Lübeck, K., & Sarkadi, A. (2004). Samverkan till samsyn en resa genom par, grupper och organisationer. Rapport. Mora., Sweden, 2009, 1-46.	4. Halford, W. K., Markman, H. J., Kline, G. H., & Stanley, S. M. (2003). Best practice in couple relationship education. Journal of Marital and Family Therapy, 29, 385–406.	5. Markman, H. J., Renick, M. J., Floyd, F. J., Stanley, S. M., & Clements, M. (1993). Preventing marital distress through communication and conflict management training: A 4- and 5-year follow-up. Journal of Consulting and Clinical Psychology, 61, 753-760.	6. Olsson, AM. E. (forthcoming) Responses of members in Primary Network Families of Swedish soldiers and Veterans. Emerging interaction, communication and social Support in context of Military International Deployments. Research Report in Social Work, Kristianstad University.	Invidzonen consists of a network of family members offering support and contact with other families and family members in similar situations. This is done via a website with a chatroom and invitations to activities in different locations around the country. Invidzonen sends encouraging postcards to spouses and other significant family members for Christmas, Easter, and other important events of the year.	Family zone offers programs for parents and children, including meetings where the participants can give and get advice, share experiences, and normalize reactions. Invidzonen offers a crisis phone number, hero medals for kids, and publishes a magazine.
Deploy- ment work- shops	VeteRUN	Children's Day	PREP for Strong Bonds							<i>Invidzonen</i> - Family Zone	
Romania			Sweden								

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Table 3.	Table 3. (Continued)			
Country	Program name	Description/overview	Target audience	Evaluation?
		In addition to the magazine, Invidzonen has an app, a blog, and a podcast. With the app, you can log into the chat, read the blog, and take part of other relevant news. All of this information can also be found on the website. Many blog posts are written by Invidzonen mentors and volunteers or family members. On the podcast, one can listen to other family members talking about loneliness and the anxiety they feel when their partner is away on international missions. Invidzonen is also very active on social media, including Facebook, Twitter, and Instagram.		
		1. Olsson, A-M E. (forthcoming) Responses of members in Primary Network Families of Swedish soldiers and Veterans. Emerging interaction, communication and social support in context of Military International Deployments. Research Report in Social Work, Kristianstad University.	of Swedish soldiers and Veterar Research Report in Social Wol	ns. Emerging interaction, rk, Kristianstad University.
	SSHF (Svenska Soldath- emsförbun- det) (similar to YMCA)	Before and after a deployment, SSHF has couples and family counselling. It also organizes various activities for families and Veterans and can be a resource for the local family coordinators who works with Veterans and spouses in every military unit. SSHF can provide psychological support to both adults and children. This can be deployed quickly if needed. The agreement between SSHF and Swedish Armed Forces includes eight free sessions with a licensed psychologist if needed for family members – three assessments and five treatments.	Families, couples, Mixed-methochild tive research	Mixed-method evaluation, qualita- tive research
		1. Olsson, A-M E. (forthcoming) Responses of members in Primary Network Families of Swedish soldiers and Veterans. Emerging interaction, communication and social support in context of Military International Deployments. Research Report in Social Work, Kristianstad University.	of Swedish soldiers and Veterar Research Report in Social Wol	ns. Emerging interaction, rk, Kristianstad University.
¥	Service Pupil Pre- mium	Provides a government subsidy of £300 per service child to the school to provide additional, usually pastoral, support. Often used to support transition and additional needs support.	Child Qualitative	Qualitative evaluation
		1. British Government. The Service Pupil Premium (Internet). UK; British Government: 2012 (updated 20 Nov 15, cited 21 Oct 16). Available from: https://www.gov.uk/government/publications/the-service-pupil-premium	2012 (updated 20 Nov 15, cite	d 21 Oct 16). Available
	Family Activity Breaks	Created in 2008, Family Activity Breaks (FAB) is a non-public funded, tri-service charitable initiative in partnership with Youth Hostel Association (England & Wales) Ltd., providing fun and challenging activity camps around the UK for bereaved military families. All staff are volunteers and trained bereavement counsellors.	Family Board of trustees	ustees
		1. Families' Activity Breaks. What is FAB? (Internet). UK: 2009 (updated 2016, cited 21 Oct 2016). Available at: http://fabcamps.org.uk/	Oct 2016). Available at: http://	fabcamps.org.uk/
SN	FOCUS (Families OverCom- ing Under	FOCUS provides resilience training to military children and families. It teaches practical skills to help families overcome common challenges related to a parent's military service, to communicate and solve problems effectively, and to successfully set goals together and create a shared family story.	Family, parents, Compariso children, couples satisfaction underway	Comparison group, pre-post, satisfaction and feedback, RCT underway
	Stress)	1. Lester, P., Saltzman, W. R., Woodward, K., Glover, D., Leskin, G. A., Bursch, B., & Beardslee, W. (2012). Evaluation of a family-centered prevention intervention for military children and families facing wartime deployments. <i>American Journal of Public Health</i> , 102, S48–S54.	ձ Beardslee, W. (2012). Evaluati s. American Journal of Public Ի	ion of a family-centered Health, 102, S48-S54.
		2. Lester P, Li-Jung L, Milburn NG, Mogil C, Woodward K, Nash W, Aralis H, Sinclair M, Semaan A, Klosinski L, Beardslee W, Saltzman WR (2016). Evaluation of a Family-Centered Preventive Intervention for Military Families: Parent and Child Longitudinal Outcomes. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 55(1), 14–24. DOI: 10.1016/j.jaac.2015.10.009.	1, Semaan A, Klosinski L, Bearc : Parent and Child Longitudinal /j.jaac.2015.10.009.	dslee W, Saltzman WR Outcomes. <i>Journal of the</i>

Mixe	
Child	ion
A week long camp that builds psychological strength and resilience by fostering	connections with other military youth, teaching positive coping and communical
Operation	Purple

ed-method evaluation

skills, and offering service projects and recreational activities. Camp Chandra, A., Lara-Cinisomo, S., Burns, R. M., & Griffin, B. A. (2012). Assessing Operation Purple: A Program Evaluation of a Summer Camp for Military Youth. Center for Military Health Policy Research, RAND Corp, Santa Monica CA. 1. Chandra, A., Lara-Cinisomo, S.,

Chawla, N., & MacDermid Wadsworth, S. M. (2012). The impact of an Operation Purple Camp intervention on military children and adolescents' self-perception of social acceptance, athletic competence, and global self-worth. The American Journal of Family Therapy, 40, 267–278.

Parents ADAPT is a 14-week group-based prevention intervention. ADAPT targets five positive parenting practices: skill encouragement, positive involvement, family (After De-ADAPT

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problem-solving, monitoring, and effective discipline. These parenting practices are ployment

taught in weekly 2-hour groups using active teaching methods such as role-play, Adaptive

1. Gewirtz, A. H., Pinna, K. L. M., Hanson, S. K., & Brockberg, D. (2014). Promoting Parenting to Support Reintegrating Military Families: After Deployment, Adaptive Parenting Tools. Psychological Services, 11, 31-40. practice, and discussion Parenting Tools)

After Deployment Adaptive Parenting Tools/ADAPT study. In W. MacDermid (Ed.), Military deployment and its consequences for families (pp. Gewirtz, A. H., & Davis, K. L. Parenting Practices and Emotion Regulation in National Guard and Reserve Families: Early Findings from the 111-131). Hoboken: Wiley Press. ۷.

report of NATO HFM RTG-258. AC/323(HFM-258)TP/859. Neuilly-sur-Seine Cedex, FR: NATO; 2019. Available from: https://sto.nato.int/publications. (Accessed Sep-Adapted from Science and Technology Organization, North Atlantic Treaty Organization (NATO). Impact of military life on children from military families [Internet]. tember 12, 2019).

PfP = Partnership for Peace; PTSD = posttraumatic stress disorder; UK = United Kingdom; US = United States; RCT = randomized controlled trial

members. In addition, some military families choose to seek support outside the military institution or through programs developed for the civilian population.

Recommendations

Although many of the programs reviewed had no evaluation data to support efficacy, the programs may be effective for use in military families. When a program appears to have an appropriate cultural fit for military families, and it has positive satisfaction data, it is recommended that the program's efficacy be evaluated in a comparison study. While the gold standard for efficacy trials is a randomized controlled study, this is not always feasible due to the program's content, size, and cost of an efficacy trial. In addition, it might be urgent to begin implementation at scale right away in order to begin serving families in critical need. Government mandates and public pressure may also affect the ability to perform rigorous scientific inquiry prior to program implementation. In 2007, for example, the American Psychological Association released a report documenting the unmet needs of children in military families in the United States. Following its release, there was government and public pressure to implement programming that would better meet the psychological needs of US military families and initiate greater preventive efforts to thwart the wear and tear of multiple deployments. As a result, several programs were rapidly scaled up without the completion of research to determine efficacy.³⁷

The use of a comparison group can often achieve immediate delivery of service and research into efficacy in a cost-effective manner. For example, comparing child outcomes for those receiving services with those who are on a waitlist may provide some evidence to support the efficacy of an intervention.³⁸ Similarly, comparing those who complete a program with those who do not complete a program is another possibility.

The use of blended quantitative and qualitative methods may also strengthen evidence to support the use of a program, though each of these methods introduces limitations to the interpretation of the results. It can be helpful to perform qualitative evaluation of evidence-based programs that are newly adapted for a cultural context or special population. Qualitative evaluation can provide information that might not be uncovered in a quantitative design and can help fine tune an intervention to further enhance the application and utility within a population. This strategy can be particularly helpful in countries with a small population that

may not have a sufficient number of program participants to warrant a costly comparison group and to shed light on helpful practices to support the target group.

As shown in **Table 3**, several of the reviewed programs have undergone either RCT or a comparison study in other contexts, but have not been evaluated for use in the country in which it is being implemented. When a strong evidence base exists, it may not be necessary to complete an entirely new RCT. However, some adaptation to enhance cultural relevance should always be considered.³⁹ This process should start with translating the curriculum into the new language followed by a blind back-translation into the original language to ensure the translation is accurate. 40 Beyond simply translating the program from one language to another, there is also a need to look at logistical and cultural factors.³⁵ For example, a program developed in the United States may include information about multiple deployments, regular changes of duty stations, and the effects on children of moving every 2 years. This information may not be relevant to families of a service member in, for example, Estonia, Sweden, Denmark, or Norway, where families do not tend to move regularly or multiple times as part of military duty. In these countries, the service member may live at home with the family and commute during the week while performing their military duty. The family may therefore be able to stay stationary near to their known and trusted service structures and within close proximity to their networks and circles of support.

Further, countries have different military traditions and histories that affect the general societal attitude toward the military institution and, by implication, military families. This may influence military families' identification with the military and their attitude toward services and programs provided by the military. Program content should be adjusted accordingly. The most agile programs will allow for relatively easy customization to the local context. For example, the FOCUS model consists of five core elements that can be implemented with a variety of family constellations, including single parents and blended families, and adjusted to be responsive to the needs of the family and the system of care within which it is being implemented. 41 Programs with clearly described core elements - the active ingredients or activities that make a program effective - will be most easily adapted than programs with overly defined or heavily didactic content. 42,43 It is also advised that the program evaluators consider using assessment measures

that have been cross-culturally validated (see Chapter 5 for examples).

Finally, best practice programs provide support to child well-being not just narrowly to the child, but consider the relationship of the child to his or her family, the parent-child relationship, and the child's interaction with other helpful adults through various systems of care (e.g., FOCUS and the Canadian program E=MC3, see **Table 3**). The importance of using a family or relational approach to intervention not only strengthens the adaptive and coping skills of the child, but also strengthens the network that supports that child. As shown in **Table 3**, E=MC3 helps develop skills for each family member in order to strengthen the well-being of the overall family. FOCUS provides intervention to the entire family and defines family as whomever the family defines themselves (i.e., it is not based on what the military or state dictates).44 This means that other supportive adults who play an important role in care giving can be included in sessions (e.g., a neighbour, a stepparent, a grandparent, or an adult sibling). PTSD Family Coach is another example that provides education and helpful tips to family members and caregivers who provide care and support to a family member with PTSD.⁴⁵ Several programs offer support for the couple relationship or the co-parenting relationship (e.g., PREP, ADAPT) even though the child is not present in sessions. In each of these cases, the focus is on strengthening the relationship through parenting education, communication strategies, or regulating emotions across a relational system. Although some of the above-mentioned programs are not directly targeted at military families, they are based on the assumption that the well-being of military-connected children is affected by the overall function of the family.46

Limitations

One limitation of our approach is that we may have missed some programs that are available to children in military families but are funded through other government programs. At first glance, it appeared that there were fewer military-specific programs in countries labelled as welfare states (e.g., the Scandinavian countries). Upon further examination, we discovered that this might be because so many services are available to the population more generally. It is perhaps overly simplistic to look only at the number of available programs and is important to consider the role of the welfare state because some countries offer a few military-specific

programs layered on top of programs to support child and family well-being more generally.

In addition, we found that countries with larger military structures provided several programs not only by the military complex, but also by public-private partnerships, private foundations, and volunteer organizations. To keep track of provided programs, some countries offer a centralized website that provides information and access to various programs. Other countries do not offer a centralized resource and, consequently, the programs may be difficult to find outside of the local context.

Another limitation of this article is that task group representatives tended to provide psychoeducational programs such as the PTSD Family Coach app and Romania's Deployment Workshop. Many of these programs, such as informational websites and books for children, provide education and information but do not offer instrumental ongoing support. It can be difficult to evaluate the impact of these programs on children. Nonetheless, providing access to information is an important part of the service structure for military families. It can be helpful to think of programs across a continuum of care and following a public health approach. Thus, access to information may be all that is needed for some families who can synthesize the information provided and implement suggested strategies on their own without further intervention. Other families may have higher needs and for which information is less likely to be accessed or effective for the family. We recommend that each country offer a variety of programs providing broad information useful for most military families, as well as more targeted strategies for those most at risk for psychological or behavioural challenges.

We designed our initial survey with the goal of identifying programs implemented in each country with an emphasis on programs with at least some evaluation data. This was open-ended and not specifically aligned with our model for child well-being. As a result, we did not receive program descriptions that covered each domain of the model. For example, we did not receive any program within the legal domain. It is possible that most task group representatives do not consider rules and regulations that support child well-being to be programs. For example, Belgium has rules about when a parent can be deployed based on the age of the children within the family. Other countries make similar considerations in deployment decision making. While legal aid may be available in several of the countries, it was not submitted as a program that targets military-connected

children. Despite this, the task group emphasizes that legal aid, child protection laws, and military regulations that consider the important role of the military parent in child development are critical factors that support child well-being.

Future directions

As more programs that support the well-being of children in military families are adapted for use in other countries, it will be helpful to develop recommendations for adaptation and implementation. The use of learning collaboratives⁴⁷ may foster sharing of best practices for dissemination in a flexible manner while still upholding fidelity to the core elements of evidence-based models. Originally used in medicine, this model for dissemination brings together multidisciplinary teams from multiple organizations to share lessons learned and useful approaches to engage families, increase system support of evidence-based practices, and enhance innovation.⁴⁷ Teams may meet in person or by phone or webinar format at regular intervals with work periods in between that support the trial of shared practices within each organization.

Research about how families define themselves, what kind of support they prefer to receive, and how and when they would like to receive it may be helpful as we develop and implement programs across cultural contexts, with the different roles of the welfare state and with varying involvement in shifting military operations and contexts. In the United Kingdom, researchers have examined perception of the family by military service members and their dependants.⁴⁸ The results suggest that families do not necessarily follow the common or traditional perception of family as a mom, dad, and two children. Many blended families exist, as well as families with single parents, same-sex parents, or grandparents as primary caregivers. As a result, it may be helpful to broaden the scope to include other caregivers and supportive others such as stepparents, stepsiblings, or extended family members, in programming, even if they do not have the "lived" military experience. In many countries, such as Estonia, there is a very young military force, where some service members are as young as 17 years of age. These service members are often single, but are still members of a family. Services to strengthen their family relationships with adult parents or siblings can still be useful to better support the health and well-being of the service member. This may aid in retention of services members, support force mental fitness, and reduce suicide risk, but also may have longterm positive effects because these young service members may eventually become parents themselves.

Conclusions

In conclusion, one of the goals of this task group was to identify best practices for programs to support children in military families. Twenty-six programs from nine countries were reviewed to identify best practice programs. Recommendations include the following:

- 1. Implementation of diverse types of programming to meet the multicultural needs of individual families within a country's military population.
- 2. Adoption of existing evidence-based interventions.
- Selection of programs that can be easily adapted to differing cultural contexts and national systems of care.
- 4. Selection and implementation of programs that focus on strengthening family relationships.
- 5. Provision of funding for program evaluation.

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COMPETING INTERESTS

Catherine Mogil is the co-developer for the FOCUS program that is described in this article.

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CONTRIBUTORS

Catherine Mogil, Maj Hedgegaard Heiselberg, and Anni Brit Sternhagen Nielsen helped select the research questions and data set, analyzed the results, and drafted the manuscript. Allison Clement conducted the survey, collected data, analyzed results, and edited and revised the manuscript. All authors approved the final version submitted for publication.

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