A practical toolbox for the effective transition of adolescents and young adults with asthma and allergies – an EAACI Position paper

Marta Vazquez-Ortiz¹, Claudia Gore¹, Cherry Alviani², Elisabeth Angier², katharina blumchen³, Pasquale Comberiati⁴, Bettina Duca⁵, Audrey DunnGalvin⁶, Teresa Garriga⁷, M Hazel Gowland⁸, Britt Egmose⁹, Rebecca Knibb¹⁰, Ekaterina Khaleva², Charlotte Mortz⁹, Oliver Pfaar¹¹, Helena Pite¹², Marcia Podestà¹³, Alexandra Santos¹⁴, Silvia Sanchez-Garcia¹⁵, Frans Timmermans¹⁶, and Graham Roberts²

June 28, 2022

Abstract

Adolescence is a critical stage of rapid biological, emotional and social change and development. Adolescents and young adults (AYA) with asthma and allergies need to develop the knowledge and skills to self-manage their health independently. Healthcare professionals (HCP), parents and their wider network play an essential role in supporting AYA in this process. Previous work showed significant limitations in transition care across Europe. In 2020, the first evidence-based guideline on effective transition for AYA with asthma and allergies was published by EAACI. We herein summarize practical resources to support this guideline's implementation in clinical practice. For this purpose, multi-stakeholder Task Force members searched for resources in peer review journals and grey literature. These resources were included if relevant and of good quality, and were pragmatically rated for their evidence-basis and user friendliness. Resources identified covered a range of topics and targeted healthcare professionals, AYA, parents/carers, schools, workplace, and wider community. Most resources were in English, webbased and had limited evidence-basis. This position paper provides a valuable selection of practical resources for all stakeholders to support effective transitional care for AYA with asthma and allergies. Future research should focus on developing validated, patient-centred tools to further assist evidence-based transition care.

¹Imperial College London National Heart and Lung Institute

²University of Southampton Faculty of Medicine

³Goethe-Universitat Frankfurt am Main Fachbereich 16 Medizin

⁴Universita degli Studi di Pisa Dipartimento di Medicina Clinica e Sperimentale

⁵University of Malta Faculty of Health Sciences

⁶University College Cork

⁷Hospital Infantil i l'Hospital de la Dona de Vall d'Hebron

⁸British Society for Allergy and Clinical Immunology

⁹Odense Universitetshospital

¹⁰Aston University College of Health and Life Sciences

¹¹Philipps-Universitat Marburg Fachbereich Medizin

¹²Universidade Nova de Lisboa Faculdade de Ciencias Medicas

 $^{^{13}\}mathrm{HAL}$ Allergy Srl

¹⁴King's College London Faculty of Life Sciences and Medicine

¹⁵Hospital Infantil Universitario Nino Jesus

¹⁶Taxand Nederlands

Hosted file

manuscript.toolbox.4.4.22.final.docx available at https://authorea.com/users/365641/articles/574671-a-practical-toolbox-for-the-effective-transition-of-adolescents-and-young-adults-with-asthma-and-allergies-an-eaaci-position-paper

Hosted file

Box 1. Transition package .odt available at https://authorea.com/users/365641/articles/574671-a-practical-toolbox-for-the-effective-transition-of-adolescents-and-young-adults-with-asthma-and-allergies-an-eaaci-position-paper

Fia 1

AWARENESS & ACTION

AVA

Know that I's their

Know

Hosted file

Fig.2.Allergy Passport.docx available at https://authorea.com/users/365641/articles/574671-a-practical-toolbox-for-the-effective-transition-of-adolescents-and-young-adults-with-asthma-and-allergies-an-eaaci-position-paper

Hosted file

Table1.Key.HCP.docx available at https://authorea.com/users/365641/articles/574671-a-practical-toolbox-for-the-effective-transition-of-adolescents-and-young-adults-with-asthma-and-allergies-an-eaaci-position-paper

Hosted file

Table2.NonHCP.docx available at https://authorea.com/users/365641/articles/574671-a-practical-toolbox-for-the-effective-transition-of-adolescents-and-young-adults-with-asthma-and-allergies-an-eaaci-position-paper