

Publication**Asthma, COPD and overlap syndrome : a longitudinal study in young European adults****JournalArticle (Originalarbeit in einer wissenschaftlichen Zeitschrift)****ID** 3392447**Author(s)** de Marco, Roberto; Marcon, Alessandro; Rossi, Andrea; Antó, Josep M.; Cerveri, Isa; Gislason, Thorarinn; Heinrich, Joachim; Janson, Christer; Jarvis, Deborah; Kuenzli, Nino; Leynaert, Bénédicte; Probst-Hensch, Nicole; Svanes, Cecilie; Wjst, Matthias; Burney, Peter**Author(s) at UniBasel** [Künzli, Nino](#) ; [Probst Hensch, Nicole](#) ;**Year** 2015**Title** Asthma, COPD and overlap syndrome : a longitudinal study in young European adults**Journal** The European respiratory journal**Volume** 46**Number** 3**Pages / Article-Number** 671-679**Mesh terms** Adult; Age Distribution; Asthma, therapy; Europe, epidemiology; Female; Humans; Logistic Models; Longitudinal Studies; Male; Multivariate Analysis; Prevalence; Pulmonary Disease, Chronic Obstructive, therapy; Recurrence; Respiratory Function Tests; Risk Assessment; Sex Distribution; Spirometry; Survival Rate; Syndrome; Vital Capacity, physiology; Young Adult

We compared risk factors and clinical characteristics, 9-year lung function change and hospitalisation risk across subjects with the asthma-chronic obstructive pulmonary disease (COPD) overlap syndrome (ACOS), asthma or COPD alone, or none of these diseases. Participants in the European Community Respiratory Health Survey in 1991-1993 (aged 20-44years) and 1999-2001 were included. Chronic air-flow obstruction was defined as pre-bronchodilator forced expiratory volume in 1s (FEV1)/forced vital capacity

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