

Titres	<ul style="list-style-type: none"> • Testing the feasibility and efficacy of two different intensities of an intervention to enhance REsilience and to reduce SupportIve Care Needs in Cancer Patients: A Phase II Trial (RESIL-Trial) : projet-père • Testing the feasibility of an integrated care model in ambulatory oncology furthering RESILience in patients with Gastro-Intestinal and LUNG cancer: a Phase II Trial (GI & LUNG RESIL Trial) : projet-fils 1 • Innovationsprojekt „Patienteninformationsflyer und Handlungsanleitungen auf Youtube zum Thema Dyspnoe auf Deutsch und Französisch“ : projet-fils 2
Acronymes	RESIL-Trial (projet-père) / GI & LUNG RESIL Trial (projet-fils 1) / RESIL_Innovationsprojekt_Dyspnoe (projet-fils 2)
Statut (dates début-fin)	En cours : January 2013 – February 2015
Axes(s) thématique(s)	<ul style="list-style-type: none"> • Partenariat (academic-service partnership) HEdS-FR – HFR • Les soins en oncologie
Requérant-e principal-e (site)	<ul style="list-style-type: none"> • Manuela Eicher (University of Applied Science Western Switzerland - Haute école de Santé Fribourg, http://www.heds-fr.ch/)
Co-requérant-e (site)	<ul style="list-style-type: none"> • Prof. Dr. med. Daniel Betticher (Head of the clinic of medical Oncology, and department of internal medicine, Hospital of Fribourg, Switzerland) • Karin Ribic (Head of Quality of Life Office at International Breast Cancer Study Group (IBCSG))
Collaborateur-trice(s)	<ul style="list-style-type: none"> • Catherine Dubey, RN, MScN (University of Applied Science Western Switzerland - Haute école de Santé Fribourg, http://www.heds-fr.ch/) • Christiane Hoeppli, RN (clinic of medical Oncology, and department of internal medicine, Hospital of Fribourg, Switzerland) • Francesco Carrino, PhD candidate, Technology for human well-being institute (Institut HumanTech, http://humantech.heia-fr.ch/FR/presentation/Pages/theme-innovation.aspx), Haute école d'ingénierie et d'architecture Fribourg (HEIA-FR, https://www.heia-fr.ch/)
Source de financement (partenaire financier)	<ul style="list-style-type: none"> • HES-SO (http://www.hes-so.ch/) via le RéSaR devenue Ra&D domaine Santé HES-SO : montant forfaitaire 2012 pour la préparation du projet-père. • European Oncology Nursing Society (EONS, EONS Major Research Grant 2012) : http://www.cancernurse.eu/. Financement projet-père • Fondation Recherche suisse contre le cancer (Ligue suisse contre le cancer, http://www.krebsforschung.ch/) : projet-pilote (projet-fils) d'une durée de 6 mois (15.11.2013-15.05.2014) dans le cadre du projet-père RESIL-Trial « Testing the feasibility of an integrated care model in ambulatory oncology furthering RESILience in patients with Gastro-Intestinal and LUNG cancer: a Phase II Trial (GI & LUNG RESIL Trial) ». Projet KFS-3269-08-2013 (projet-fils 1) • Ligue bernoise contre le cancer (http://www.bernischekrebsliga.ch) : Innovationsprojekt „Patienteninformationsflyer und Handlungsanleitungen auf Youtube zum Thema Dyspnoe auf Deutsch und Französisch“ : projet-fils 2
Résumé	Background: Resilience – the mechanisms protecting people against psychological risks associated with adversity – gains in importance in cancer care.

	<p>We found a strong association between resilience and unmet supportive care needs in cancer patients during early treatment.</p> <p>Aim: To test feasibility and efficacy of two different intensities of an intervention to enhance resilience and reduce unmet supportive care needs.</p> <p>Method: We will conduct a randomized phase II trial. Patients newly diagnosed with cancer and under treatment at the oncology ambulatory service of Cantonal Hospital in Fribourg, Switzerland, will be allocated in two arms. In arm A, oncologists and nurses - trained in resilience and supportive care - will be provided with direct feedback on resilience scores and unmet needs prior to the patient attending for treatment. In arm B and in addition to procedure of arm A, patients will receive a dedicated, individualized nurse consultation addressing patients' resilience and unmet needs. Qualitative and quantitative data of each arm will be analyzed separately.</p> <p>Importance for oncology nursing in Europe: To our knowledge, this is the first nursing study investigating an intervention to enhance resilience in newly diagnosed cancer patients. Results of the trial will form the basis of subsequent, comparative effectiveness studies.</p>
Partenaire(s) de terrain	<ul style="list-style-type: none"> • Cantonal Hospital in Fribourg, Switzerland
Contact	<ul style="list-style-type: none"> • Manuela.eicher@hefr.ch • +41 26 429 6055
Valorisation (publications, conférences, congrès)	<ul style="list-style-type: none"> • Site internet HES-SO : http://www.hes-so.ch/fr/favoriser-resilience-ameliorer-besoins-soins-3889.html • Dubey, C., De Maria, J., Hoeppli, C., Betticher, D. C., & Eicher, M. (2015). Resilience and unmet supportive care needs in patients with cancer during early treatment: A descriptive study. <i>EUROPEAN JOURNAL OF ONCOLOGY NURSING</i>. doi: http://dx.doi.org/10.1016/j.ejon.2015.03.004 • Dubey, C. (2012). <i>La résilience et ses prédicteurs chez les personnes nouvellement diagnostiquées d'un cancer primaire ou d'une récurrence : une étude corrélationnelle prédictive.</i> Master ès Sciences en sciences infirmières, Université de Lausanne (Faculté de biologie et de médecine, Ecole de médecine) et Haute école spécialisée de Suisse occidentale (HES-SO, Domaine santé), Lausanne. <ul style="list-style-type: none"> - Thèse de Master : http://www.unil.ch/sciences-infirmieres/Memoire_Dubey_Catherine.pdf - Prix de la Fondation pour la REcherche en SOins FORESO (http://www.foreso.ch/) • Dubey, C., Hoeppli, C., & Eicher, M. (2014). <i>Encourager la résilience: Un nouveau défi pour les soins en oncologie ?</i> Conférence organisée par l'ASI Fribourg, 13 novembre, Fribourg. • Dubey, C., Zürcher, S., Kropf, S., Hoeppli, C., Küng, M., Carrino, F., Mugellini, E., & Eicher, M. (2014). <i>Enhancing symptom self-management through a smartphone application: Development and pilot testing.</i> Poster presented at MASCC/ISOO International Symposium - Supportive Care in Cancer, June 26-28, Miami (Floride). Poster • Eicher, M. (2014). <i>Les soins de support au travers d'une approche sur la résilience.</i> Midi-Conférence, Département d'oncologie, HUG, 28 mai, Genève.

- **Eicher, M.** (2013). *Unmet supportive care needs and resilience in cancer patients under early treatment: a descriptive study*. 17th ECCO - 38th ESMO - 32nd ESTRO European Cancer Congress, Amsterdam, 21.09. - 01.10.2013.
- **Eicher, M.** (2013). *Encourager la résilience: un nouveau défi pour les soins*. 20 juin, Hôpitaux Universitaires de Genève, HUG, Genève, Suisse.
- **Eicher, M.** (2014). *Resilienz, Fortbildungsreihe Onkologie*. 23 février, Kantonsspital Luzern.
- **Eicher, M., & Dubey, C.** (2013). *Encourager la résilience: Un nouveau défi pour les soins en oncologie ?* 15ème Congrès Suisse des Soins en oncologie, 21 mars, Berne.
- **Eicher, M., & Dubey, C.** (2013). *Resilienz fördern: Eine neue Herausforderung für Onkologiepflegende ?* 15. Schweizer Onkologiepflege Kongress - Donnerstag, 21. März 2013, Bern
- **Eicher, M., Carrino, F., Mugellini, E., Ribi, K., Betticher, D., Hoeppli, C., & Dubey, C.** (2014). *Development of an IT-based intervention furthering resilience and supportive care for patients during early systemic treatment: RESIL-Sheet*. Poster presented at MASCC/ISOO International Symposium - Supportive Care in Cancer, June 26-28, Miami (Floride).
- **Eicher, M., Matzka, M., Dubey, C., & White, K.** (2015). Resilience in adult cancer care: an integrative literature review. *Oncology nursing forum*, 42(1), E3-E16. doi: 10.1188/15.ONF.E3-E16
- **Pihet, S., & Eicher, M.** (2014). *Closer to real life: Using Experience Sampling Method (ESM) in health care research*. Workshop au Swiss Congress for Health Professions (SCHP : <http://www.schp.ch/>), 11-12 mars, Berne. [Oral presentation](#).