

CURRICULUM VITAE**Dr. Fabio Efficace****Name and Address**

Fabio Efficace, PhD
Chairman GIMEMA Working Party Quality of Life
Head, Health Outcome Research Unit
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EDUCATION

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| 2004, PhD, Medical Psychology | University of Amsterdam, The Netherlands Academic Medical Center, Faculty of Medicine Department of Medical Psychology |
| 1998, MSc, Clinical Psychology | University of Rome "Sapienza", Rome, Italy Department of Psychology, Faculty of Psychology |

POSITIONS, POSTGRADUATE TRAINING AND HONORS**Employment**

2007-Present
Head, Health Outcomes Research Unit
 Italian Group for Adult Hematologic Disease (GIMEMA)
 GIMEMA Data Center, Rome, Italy.

2006-2007
Head, Quality of Life Unit
 Mediterranean Institute of Haematology (IME), Rome, Italy

2004–2006
Patient Reported Outcome Specialist
 European Organization for Research and Treatment of Cancer (EORTC).
 EORTC Data Center. Quality of Life Unit. Brussels, Belgium.

2001–2004
Research Fellow
 European Organization for Research and Treatment of Cancer (EORTC).
 EORTC Data Center. Quality of Life Unit. Brussels, Belgium.

2000-2001
Research Fellow
 Italian National Cancer Institute 'Regina Elena'. Psychology Unit. Rome, Italy

1999-2000
Clinical Internship
 S. Eugenio Hospital & Azienda USL 'Rome H'. Department of Psychiatry. Rome, Italy

Selected postgraduate training courses

Quality of life Assessment in Cancer Clinical Trials; Clinical Trial Statistics; Organisation and Implementation of Cancer Clinical Trials; Palliative Cancer Care; EMDR (Eye Movement Desensitization and Reprocessing) therapy; Translational Research in Clinical Trials; Basic Principles of Immunotherapy; Developing and Using Quality of Life Instruments in Clinical Trials; Psycho-Oncology; Basic Principles of Radiotherapy.

Qualifications

Licence to practice as a clinical psychologist (State Board Exam, Italy, 2000)

Awards and Honors

- 1994 Merit scholarship, University of Rome "Sapienza", Italy.
- 1995 Merit scholarship, University of Rome "Sapienza", Italy.
- 1998 Graduated with Honors (cum Laude), University of Rome "Sapienza", Italy.
- 2001 European Organisation for Research and Treatment of Cancer (EORTC) *Lady Grierson Quality of Life Research Fellowship Award*.
- 2003 International Society for Quality of Life Research (ISOQOL). *New Investigator Award*.
- 2004 Nomination for the *Outstanding Article of the Year Award* by the International Society for Quality of Life Research.
- 2005 International Society for Quality of Life Research (ISOQOL). *New Investigator Award*.
- 2005 International Society for Quality of Life Research (ISOQOL). *Travel Grant Winner*.
- 2006 *Visiting Professor*. Memorial Sloan-Kettering Cancer Center (MSKCC). New York, USA
- 2007 International Society for Quality of Life Research (ISOQOL). *New Investigator Award*
- 2010-present *Chairman* of the GIMEMA Working Party on Quality of Life
- 2010 European Hematology Association (EHA). *Travel Grant Winner*
- 2010 Member of the "Scientific Board" of the "Italian Group for Adult Hematologic Disease" (GIMEMA)
- 2012 Chair of the 19th Annual Conference of the *International Society for Quality of Life Research* Conference. Budapest (Hungary). 24-27 October, 2012
- 2005-2013 Member of the "Board" of the EORTC Quality of Life Group.
- 2010-2013 Member of the "Board of Directors" of "International Society for Quality of Life Research" (ISOQOL).

Professional Service Activities

- 2003 Chair of the Organizing Committee of the *EORTC Quality of Life Group Meeting*, Rome (Italy). (Sponsored by Pfizer, USA).
- 2003-2006 Faculty member, EORTC Data Center Education Office. Brussels, Belgium.
- 2003-2006 Member of the Protocol Review Committee of EORTC Data Center. Brussels, Belgium.

- 2005 Scientific Review Panel. *International Society for Quality of Life Research Conference*. San Francisco, (CA), USA.
- 2005-2007 Item-Bank Project Coordinator of the EORTC Quality of Life Group.
- 2006 Organizing Committee. 15th Annual Conference of the *International Society for Quality of Life Research Conference*. Lisbon, (Portugal).
- 2006 Moderator of the Symposium “The value of health-related quality of life parameters in predicting clinical outcomes in cardiology and oncology”. *International Society for Quality of Life Research Conference*. Lisbon, Portugal.
- 2007 Chair of the Organizing Committee of the Conference “Research progress of the Italian League Against Leukemia (AIL) and the Italian Group for Adult Hematologic Disease (GIMEMA) in the treatment of hematological malignancies” Rome (Italy).
- 2007-present *Secretary* of the EORTC Quality of Life Group.
- 2008 Moderator Poster session on “*Quality of life, ethics, economics*” of the 13th Congress of the *European Hematology Association (EHA)*, Copenhagen, Denmark.
- 2009-present Chairman of the “Italian Group for Adult Hematologic Diseases” (GIMEMA) Working Group on “Quality of Life and Symptoms”.
- 2009 *Grant Reviewer for the EORTC Quality of Life Group*
- 2010 Chairman of the workshop “Quality of life and late effects in hematologic malignancies” at 7th Annual Symposium of the European LeukemiaNet (ELN). Mannheim, Germany.
- 2010 Organizing Committee. 17th Annual Conference of the *International Society for Quality of Life Research Conference*. London, UK
- 2010 Moderator of the Symposium “Assessment Mode Technology” of the 17th Annual Conference of the *International Society for Quality of Life Research Conference*. London, UK
- 2010-2013 Board of Directors of the *International Society for Quality of Life Research*.
- 2011 *Grant Review Committee Member* for the National Cancer institute of France (INCa). AERES Committees –Cancerpoles, Paris, February 9-10.
- 2011 *Grant Reviewer for the Dutch Cancer Society*, Amsterdam The Netherlands.
- 2011 *Grant Reviewer* the National Cancer institute of France (INCa).
- 2011 *Grant reviewer* for EORTC Quality of Life Group
- 2013 National Institute for Health Research (NIHR) School for Primary Care Research (NSPCR), Funding Round 7, UK, January, 2013.
- 2013 Scientific Review Panel. *International Society for Quality of Life Research Conference*. Miami, (FL), USA.

Editorial Experience

Reviewer for:

- Journal of Clinical Oncology (JCO)
- The Lancet Oncology (TLO)
- Journal of the National Cancer Institute (JNCI)
- Annals of Oncology
- Value in Health
- Oncology
- Quality of Life Research
- Annals of Surgery
- Journal of Psychosomatic Research
- Leukemia & Lymphoma
- Leukemia Research
- Lung Cancer
- Psycho-Oncology
- The Journal of Supportive Oncology
- Current Medical Research and Opinion
- Journal of the Society for Integrative Oncology
- Patient Education and Counselling
- International Journal of Surgical Oncology
- ISRN Oncology
- Journal of the American Medical Association (JAMA)
- British Medical Journal (BMJ)
- Leukemia
- British Journal of Cancer (BJC)
- The Journal of Clinical Psychiatry
- Bone Marrow Transplantation
- European Journal of Cancer
- Critical Reviews in Oncology/Hematology
- Gynaecologic Oncology
- European Journal of Haematology
- Psychological Bulletin
- Age and Ageing
- Leukemia Research and Treatment
- Mediterranean Jour of Hematol. and Infectious Diseases
- Cancer Therapy
- European Journal of Oncology Nursing
- Health and Quality of Life Outcomes
- Exp Rev. of Pharmacoeconomics & Outcomes Research
- Cochrane Colorectal Cancer Group (*protocol reviewer*)

Editorial Board: Open Journal of Hematology; ISRN Oncology

Associate Editor: Health and Quality of Life Outcomes

Selected invited presentations

Annual Meeting of the Chronic Myeloid Leukemia (CML) Advocates Network. *CML Horizons 2013*. "Patient versus Physician toxicity in CML patients receiving Tyrosine kinase inhibitors". Prague, Czech Republic, (May, 2013).

11th International Symposium on Myelodysplastic Syndromes. MDS Foundation, (Plenary Session). Edinburgh, (Scotland). "The added value of quality-of-life and other patient-reported outcomes in clinical research of patients with Myelodysplastic Syndromes". (May, 2011).

National Cancer Institute of France. "The prognostic value of quality of life in oncology: a meta analysis". Paris, France, (June, 2010).

European Leukemia-Net (ELN). 7th Annual Symposium. "Long-term patient-reported quality of life and symptoms in chronic myeloid leukemia patients treated with Imatinib". Mannheim, Germany, (February, 2010).

European Hematology Association (EHA) 14th Congress. Educational Session. *Designing and interpreting quality-of-life and other patient-reported outcomes in clinical trials*. Berlin, Germany, (June, 2009).

European Organisation for Research and Treatment of Cancer (EORTC) Leukemia Group Meeting. "The prognostic value of patient-reported health-status data in oncology". Rome, Italy. (April, 2008).

European Leukemia-Net (ELN). 5th Annual Symposium. "Prognostic significance and longitudinal assessment of patient-reported quality of life and symptoms in high-risk myelodysplastic syndromes". Heidelberg, Germany (January, 2008).

Italian Society of Psycho-oncology. 10th Annual Conference. "Health-related quality of life and satisfaction with care as outcome measures in oncology". Turin, Italy. (October, 2007).

European Hematology Association (EHA) 12th Congress. *Working Group on Quality of Life and Symptoms*. "Quality of life and symptom measures in hematologic diseases". Wien, Austria (June, 2007).

Azienda Ospedaliera Pugliese-Ciaccio. Department of Oncology. "Health-Related Quality of life in non-small cell lung cancer patients". Catanzaro, Italy. (May, 2007).

University of Rome "La Sapienza". Department of Hematology. "The added value of measuring health-related quality of life in cancer clinical practice and clinical research", Rome, Italy. (January, 2007).

University of Padova. Department of Oncology. "Lessons learned from measuring health-related quality of life in colorectal cancer patients". Padova, Italy. (September, 2006).

Memorial Sloan-Kettering Cancer Center. Department of Surgery and Department of Psychiatry and Behavioural Sciences. "Patient's self-reported health status data and quality of life parameters: a guide for clinical decision-making in clinical practice". New York, USA (March 2006).

University of Leuven. Department of Psychology. "Psychosocial well-being, health behaviors and quality of life parameters in oncology". Leuven, Belgium (March 2006).

State University of New York at Stony Brook. Department of Psychiatry and Behavioral Sciences. "The use of patient's self reported quality of life outcomes as prognostic factors for clinical endpoints: challenges and recent findings". Stony Brook, Long Island, New York, USA (February 2006)

European School of Oncology. "Impact of Complementary and Alternative Medicine on the quality of life of cancer patients". Brussels, Belgium (February 2006).

University of Pittsburgh. Department of Psychology. "Quality of Life in cancer patients: measurement and clinical utility". Pittsburgh (PA), USA, (April, 2005).

Plenary Session of the European Organisation for Research and Treatment of Cancer (EORTC) Groups' Annual Meeting (EGAM), "Is quality of life a prognostic factor?". Brussels, Belgium, (March 2005).

University of Amsterdam. Academic Medical Center. "The value of health-related quality of life assessment in cancer clinical trials". Amsterdam, The Netherlands (April, 2004).

World Psychiatric Association Conference. "The value of self-rating questionnaires in research of mental healthcare in oncology". Wien, Austria (June 2003).

European Organisation for Research and Treatment of Cancer (EORTC) Quality of Life Group Meeting. "Quality of life issues in colorectal cancer patients". Rome, Italy, (November, 2003).

European Organisation for Research and Treatment of Cancer (EORTC) Quality of Life Group Meeting. "The impact of health-related quality of life assessment in prostate cancer research". London, United Kingdom (November, 2002).

PUBLICATIONS (not including works in progress or submitted papers)**Peer-reviewed articles** (full length manuscripts)

Efficace F, Gaidano G, Breccia M, Criscuolo M, Cottone F, Caocci G, Bowen D, Lübbert M, Angelucci E, Stauder R, Selleslag D, Platzbecker U, Sanpaolo G, Jonasova A, Buccisano F, Specchia G, Palumbo GA, Niscola P, Wan C, Zhang H, Fenu S, Klimek V, Beyne-Rauzy O, Nguyen K, Mandelli F. Prevalence, severity and correlates of fatigue in newly diagnosed patients with myelodysplastic syndromes. *British Journal of Hematology* 2014 Oct 1. doi: 10.1111/bjh.13138.

Efficace F, Mandelli F, Avvisati G, Cottone F, Ferrara F, Di Bona E, Specchia G, Breccia M, Levis A, Sica S, Finizio O, Kropp MG, Fioritoni G, Cerqui E, Vignetti M, Amadori S, Schlenk RF, Platzbecker U, Lo-Coco F. Randomized Phase III Trial of Retinoic Acid and Arsenic Trioxide Versus Retinoic Acid and Chemotherapy in Patients With Acute Promyelocytic Leukemia: Health-Related Quality-of-Life Outcomes. *Journal of Clinical Oncology* 2014 Oct 20;32(30):3406-12.

Efficace F, Gaidano G, Sprangers M, Cottone F, Breccia M, Voso MT, Caocci G, Stauder R, Di Tucci AA, Sanpaolo G, Selleslag D, Angelucci E, Platzbecker U, Mandelli F. Preference for involvement in treatment decisions and request for prognostic information in newly diagnosed patients with higher-risk myelodysplastic syndromes. *Annals of Oncology*, 25(2):447-54, 2014.

Efficace F, Jacobs M, Pusic A, Greimel E, Piciocchi A, Kieffer JM, Gilbert A, Fayers P, Blazeby J. Patient-reported outcomes in randomised controlled trials of gynaecological cancers: Investigating methodological quality and impact on clinical decision-making. *European Journal of Cancer*, 50(11):1925-1941, 2014.

Efficace F, Rosti G, Cottone F, Breccia M, Castagnetti F, Iurlo A, Mandelli F, Baccharani M. Profiling chronic myeloid leukemia patients reporting intentional and unintentional non-adherence to lifelong therapy with tyrosine kinase inhibitors. *Leukemia Research*, 38(3):294-8, 2014.

Efficace F, Rees J, Fayers P, Pusic A, Taphoorn M, Greimel E, Reijneveld J, Whale K, Blazeby J; Overcoming barriers to the implementation of patient-reported outcomes in cancer clinical trials: the PROMOTION Registry. *Health and Quality of Life Outcomes*, Jun 6;12:86, 2014.

van Leeuwen M, **Efficace F**, Fosså SD, Bolla M, De Giorgi U, de Wit R, Holzner B, van de Poll-Franse LV, van Poppel H, White J, Collette L, Osanto S2, Aaronson NK. Recruiting long-term survivors of European Organisation for Research and Treatment of Cancer phase III clinical trials into quality of life studies: Challenges and opportunities. *European Journal of Cancer*, Jul;50(11):1957-63. doi: 10.1016/j.ejca.2014.04.018

Sodergren SC, White A, **Efficace F**, Sprangers M, Fitzsimmons D, Bottomley A, Johnson CD. Systematic review of the side effects associated with tyrosine kinase inhibitors used in the treatment of gastrointestinal stromal tumours on behalf of the EORTC Quality of Life Group. *Critical Review in Oncology and Hematology*, 91(1):35-46, 2014.

Efficace F, Feuerstein M, Fayers P, Cafaro V, Eastham J, Pusic A, Blazeby J. EORTC Quality of Life Group (Patient Reported Outcome Measurements Over Time In ONcology-PROMOTION Project). Patient-Reported Outcomes In Randomized Controlled Trials of Prostate Cancer: Methodological Quality and Impact on Clinical-Decision-Making. *European Urology*, (in press) 2013.

Calvert M, Brundage M, Jacobsen PB, Schünemann HJ, **Efficace F**. The CONSORT Patient-Reported Outcome (PRO) extension:

implications for clinical trials and practice. *Health and Quality of Life Outcomes*, Oct 29;11:184, 2013.

Efficace F, Rosti G, Aaronson N, Cottone F, Angelucci E, Molica S, Vignetti M, Mandelli F, Baccarani M. Patient versus Physician Symptom and Health Status Reporting in Chronic Myeloid Leukemia. *Haematologica*, 99(4):788-93, 2014.

La Nasa G, Caocci G, **Efficace F**, Dessì C, Vacca A, Piras E, Sanna M, Marcias M, Littera R, Carcassi C, Lucarelli G. Long-term health-related quality of life evaluated more than 20 years after hematopoietic stem cell transplantation for thalassemia. *Blood*, 122(13):2262-70, 2013.

Efficace F, Baccarani M, Breccia M, Saussele S, Abel G, Caocci G, Guilhot F, Cocks K, Naeem A, Sprangers M, Oerlemans S, Chie W, Castagnetti F, Bombaci F, Sharf G, Cardoni A, Noens L, Pallua S, Salvucci M, Nicolatou-Galitis O, Rosti G, Mandelli F. International development of an EORTC questionnaire for assessing health-related quality of life in chronic myeloid leukemia patients: the EORTC QLQ-CML24. *Quality of Life Research*, 23(3):825-836, 2014.

Calvert M, Blazeby J, Altman DG, Revicki DA, Moher D, Brundage MD; CONSORT PRO Group. Reporting of patient-reported outcomes in randomized trials: the CONSORT PRO extension. *JAMA*, 309(8):814-22, 2013. (Collaborator: **Efficace F**).

Cottone F, **Efficace F**, Apolone G, Collins GS. The added value of Propensity score matching when using health-related quality of life reference data. *Statistics in Medicine*, 32(29):5119-32, 2013.

Efficace F, Cardoni A, Cottone F, Vignetti M, Mandelli F. Tyrosine-kinase inhibitors and patient-reported outcomes in chronic myeloid leukemia: a systematic review. *Leukemia Research*, 37(2):206-213, 2013.

Efficace F, Baccarani M, Breccia M, Cottone F, Alimena G, Deliliers GL, Baratè C, Specchia G, Di Lorenzo R, Luciano L, Turri D, Martino B, Stagno F, Dabusti M, Bergamaschi M, Leoni P, Simula MP, Levato L, Fava C, Veneri D, Sica S, Rambaldi A, Rosti G, Vignetti M, Mandelli F. Chronic fatigue is the most important factor limiting health-related quality of life of chronic myeloid leukemia patients treated with imatinib. *Leukemia*, 27(7):1511-9, 2013.

Brundage M, Blazeby J, Revicki D, Bass B, de Vet H, Duffy H, **Efficace F**, King M, Lam CL, Moher D, Scott J, Sloan J, Snyder C, Yount S, Calvert M. Patient-reported outcomes in randomized clinical trials: development of ISOQOL reporting standards. *Quality of Life Research*, 22(6):1161-75, 2013.

Efficace F, Baccarani M, Rosti G, Cottone F, Castagnetti F, Breccia M, Alimena G, Iurlo A, Rossi AR, Pardini S, Gherlinzoni F, Salvucci M, Tiribelli M, Vignetti M, Mandelli F. Investigating factors associated with adherence behaviour in patients with chronic myeloid leukemia: an observational patient-centered outcome study. *British Journal of Cancer*, 107(6):904-909, 2012.

Efficace F, Cartoni C, Niscola P, Tendas A, Meloni E, Scaramucci L, Soldati S, Brunetti GA, Marini MG, Mandelli F. Predicting Survival in Advanced Hematologic Diseases: Do Patient-Reported Symptoms Matter? *European Journal of Hematology*, 89(5):410-416, 2012.

Holzner B, **Efficace F**, Basso U, Incrocci L, Johnson C, Aaronson N, Arraras J, King M, Chow E, Oberguggenberger A, Bottomley A, Steiner H, Giesinger J. Cross-cultural development of an EORTC questionnaire to assess health-related quality of life in patients with testicular cancer: The EORTC QLQ-TC26. *Quality of Life Research*, 22(2):369-378, 2013

Cartoni C, Brunetti GA, Federico V, **Efficace F**, Grammatico S, Tendas A, Scaramucci L, Cupelli L, D'Elia GM, Truini A, Niscola P, Petrucci MT. Controlled-release oxycodone for the treatment of bortezomib-induced neuropathic pain in patients with multiple myeloma. *Supportive Care in Cancer*, 20(10):2621-2626, 2012.

Caocci G, **Efficace F**, Ciotti F, Roncarolo MG, Vacca A, Piras E, Littera R, Dawood Markous RS, Collins GS, Ciceri F, Mandelli F, Markt S, La Nasa G. Health related quality of life in Middle Eastern children with beta-thalassemia. *BMC Blood Disorders*,

Jun 22;12(1):6, 2012

Nicola P, Tendas A, Cupelli L, Catalano G, Scaramucci L, Giovannini M, Trinchieri V, Sharma A, **Efficace F**, Cartoni C, Piccioni D, Perrotti A, Dentamaro T, de Fabritiis P, Keefe DM. The prevention of oral mucositis in patients with blood cancers: current concepts and emerging landscapes. *Cardiovascular & Hematological Agents in Medicinal Chemistry*, 10(4):362-375, 2012.

Velikova G, Coens C, **Efficace F**, Greimel E, Groenvold M, Johnson C, Singer S, van de Poll-Franse L, Young T, Bottomley A. Health-Related Quality of Life in EORTC clinical trials –30 years of progress from methodological developments to making a real impact on oncology practice. *European Journal of Cancer (Supplements)*, 10 (1): 141-149, 2012.

Efficace F, Breccia M, Saussele S, Kossak U, Cardoni A, Caocci G, Chie W, Naeem A, Nicolatou-Galitis O, Cocks K, Vignetti M, Baccarani M, Mandelli F, Sprangers M. Which Health-Related Quality of Life Aspects are important to patients with Chronic Myeloid Leukemia Receiving Targeted Therapies and to Health Care Professionals? GIMEMA and EORTC Quality of Life Group. *Annals of Hematology* 91(9):1371-81, 2012.

Nicola P, Tendas A, Giovannini M, Scaramucci L, Cupelli L, Ferrannini M, Brunetti GA, Bondanini F, Palumbo R, Perrotti A, Romani C, Cartoni C, **Efficace F**, de Fabritiis P. Pain management in hematological patients with major organ dysfunctions and comorbid illnesses. *Cardiovascular & Hematological Agents in Medicinal Chemistry*, 10(2):135-147, 2012.

Vivat B, Young T, **Efficace F**, Sigurðadóttir V, Arraras J, Ásgeirsdóttir G, Brédart A, Costantini A, Kobayashi K, Singer S. Cross-cultural development of the EORTC QLQ-SWB36: A stand-alone measure of spiritual wellbeing for palliative care patients with cancer. *Palliative Medicine*, 27(5):457-469, 2013.

Weis J, Bottomley A, Flechtner H, **Efficace F**, Lanceley A, Görög A, Jones L, Holzner B, Hammerlid E, Arraras J, Singer S, Conroy T, Wirtz M, Fleissner C. Development of an EORTC quality of life phase III module measuring cancer-related fatigue (EORTC QLQ-FA13). *Psycho-oncology*, 22(5):1002-1007, 2013.

Efficace F, Taphoorn M. Methodological issues in designing and reporting health-related quality of life in cancer clinical trials: the challenge of brain cancer studies. *Journal of Neuro-oncology*, 108(2):221-6, 2012.

Chow E, Nguyen J, Zhang L, Tseng LM, Hou MF, Fairchild A, Vassiliou V, Jesus-Garcia R, Alm El-Din MA, Kumar A, Forges F, Chie WC, Bottomley. International field testing of the reliability and validity of the EORTC QLQ-BM22 module to assess health-related quality of life in patients with bone metastases. *Cancer*, 118(5):1457-1465, 2012. (Collaborator: **Efficace F**).

Nicola P, Tendas A, Giovannini M, Cupelli L, Trawinska MM, Palombi M, Scaramucci L, Brunetti GA, Perrotti A, Neri B, **Efficace F**, Cartoni C, de Fabritiis P, Mandelli F. Transfusions at home in patients with myelodysplastic syndromes. *Leukemia Research*, 36(6):684-688, 2012.

Efficace F, Cocks K, Breccia M, Sprangers M, Meyers CA, Vignetti M, Baccarani M, Mandelli F. Time for a new era in the evaluation of targeted therapies for patients with chronic myeloid leukemia: Inclusion of quality of life and other patient-reported outcomes. *Critical Reviews in Oncology/Hematology*, 81(2):123-35, 2012.

Efficace F, Baccarani M, Breccia M, Alimena G, Rosti G, Cottone F, Delilieri GL, Baratè C, Rossi AR, Fioritoni G, Luciano L, Turri D, Martino B, Di Raimondo F, Dabusti M, Bergamaschi M, Leoni P, Simula MP, Levato L, Ulisciani S, Veneri D, Sica S, Rambaldi A, Vignetti M, Mandelli F. Health-related quality of life in chronic myeloid leukemia patients receiving long-term therapy with imatinib compared with the general population. *Blood*, 118(17):4554-4560, 2011.

Caocci G, **Efficace F**, Ciotti F, Roncarolo MG, Vacca A, Piras E, Littera R, Dawood Markous RS, Collins GS, Ciceri F, Mandelli F, Markt S, La Nasa G. Prospective assessment of health-related quality of life in pediatric patients with beta-thalassemia following hematopoietic stem cell transplantation. *Biology of Bone and Marrow Transplantation*, 7(6):861-866, 2011.

Pucciarelli S, Del Bianco P, **Efficace F**, Serpentine S, Capirci C, De Paoli A, Amato A, Cuicchi D, Nitti D. Patient-reported outcomes after neoadjuvant chemoradiotherapy for rectal cancer: a multicenter prospective observational study. *Annals of Surgery*, 253(1):71-77, 2011

Breccia M, **Efficace F**, Alimena G. Imatinib treatment in chronic myelogenous leukemia: What have we learned so far? *Cancer Letters* 300(2):115-1521, 2011.

Pucciarelli S, Del Bianco P, **Efficace F**, Toppan P, Serpentine S, Friso ML, Lonardi S, De Salvo GL, Nitti D. Health-related quality of life, faecal continence and bowel function in rectal cancer patients after chemoradiotherapy followed by radical surgery. *Supportive care in Cancer* 18(5):601-608, 2010.

Tuveri M, Caocci G, **Efficace F**, Medas F, Collins G, Pisu S. Different perception of surgical risks between physicians and patients undergoing laparoscopic cholecystectomy. *Surgical Laparoscopy Endoscopy & Percutaneous Techniques*, 19(4):305-311, 2009.

Caocci G, La Nasa G, **Efficace F**. Health-related quality of life and symptom assessment in clinical research of patients with myelodysplastic syndromes. *Expert Review of Hematology*, 2(1), 69-80, 2009.

Van Andel G, Bottomley A, Fosså S, **Efficace F**, Coens C, Guerif S, Kynaston H, Gontero P, Thalmann G, Akdas A, D'haese S, Aaronson NK. An international field study of the EORTC QLQ-PR25: a questionnaire for assessing the health-related quality of life of patients with prostate cancer. *European Journal of Cancer*, 44(16), 2418-2424, 2008.

Efficace F, Kemmler G, Vignetti M, Mandelli F, Molica S, Holzner B. Health-related quality of life assessment and reported outcomes in leukemia randomized controlled trials. A systematic review to evaluate the added value in supporting clinical decision-making. *European Journal of Cancer*, 44(11), 1497-1506, 2008.

Pucciarelli S, Del Bianco P, Toppan P, Serpentine S, **Efficace F**, Pasetto LM, Friso ML, De Salvo GL, Nitti D. Health-related quality of life outcomes in disease-free survivors of mid-low rectal cancer after curative surgery. *Annals of Surgical Oncology*, 15(7), 1846-1854, 2008.

Efficace F, Innominato P, Bjarnason G, Coens C, Humblet Y, Tumolo S, Genet D, Tampellini M, Bottomley A, Garufi C, Focan C, Giacchetti S, Lévi F. Validation of patient's self-reported social functioning as an independent prognostic factor for survival in metastatic colorectal cancer patients. Results of an international study by the Chronotherapy Group of the European Organisation for Research and Treatment of Cancer. *Journal of Clinical Oncology* 26(12), 2020-2026, 2008.

Gotay C, Kawamoto CT, Bottomley A, **Efficace F**. The Prognostic significance of patient-reported outcomes in cancer clinical trials. *Journal of Clinical Oncology*, 26(8), 1355-1363, 2008.

Bottomley A, Coens C, **Efficace F**, Gaafar R, Manegold C, Burgers S, Vincent M, Giaccone G, van Meerbeeck J. Symptom and patient-reported wellbeing: do they predict survival in Malignant Pleural Mesothelioma: A joint international study of the European Organisation for Research and Treatment of Cancer (EORTC) Quality of Life Unit and Lung Cancer Group. *Journal of Clinical Oncology*, 25(36), 5770-5776, 2007.

Mauer M, Taphoorn MJB, Bottomley A, Coens C, **Efficace F**, Sanson M, Brandes AA, van der Rijt CCD, Bernsen HJJA, Frenay M, Tijssen CC, Lacombe D, van den Bent MJ. The prognostic value of health-related quality of life data in predicting survival in anaplastic oligodendrogliomas cancer patients: results from an international randomized phase III EORTC Brain Cancer Group study. *Journal of Clinical Oncology*, 25(36), 5731- 5737, 2007.

Byrne C, Griffin A, Blazeby J, Conroy T, **Efficace F**. Health-related quality of life as a valid outcome in the treatment of

advanced colorectal cancer. *European Journal of Surgical Oncology* 33S2:S95-104, 2007.

Mauer M, Stupp R, Taphoorn MJB, Coens C, Osoba D, Marosi C, Wong R, de Witte O, Cairncross JG, **Efficace F**, Mirimanoff RO, Forsyth P, van den Bent MJ, Weller M, Bottomley A, The prognostic value of health-related quality of life data in predicting survival in glioblastoma cancer patients: results from an EORTC BTG, ROG, and NCIC international randomized phase III study. *British Journal of Cancer* 97(3), 302-307, 2007.

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