

**Table ICHOM-studies that reported on the outcome quality of life**

| ICHOM ID | First author | Year | Title                                                                                                                                                                                                                                                                     |
|----------|--------------|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 5        | Chen         | 2019 | Long-Term Clinical Outcomes of Complicated Retrievable Inferior Vena Cava Filter for Deep Venous Thrombosis Patients: Safety and Effectiveness                                                                                                                            |
| 7        | Clay         | 2018 | Cost-effectiveness of doxepin compared to warfarin for the treatment and secondary prevention of venous thromboembolism in the UK                                                                                                                                         |
| 9        | Guercini     | 2016 | The management of patients with venous thromboembolism in Italy: insights from the PREFER in VTE registry                                                                                                                                                                 |
| 16       | Kumar        | 2014 | Health-Related Quality of Life in Children and Young Adults With Post-Thrombotic Syndrome: Results From a Cross-Sectional Study                                                                                                                                           |
| 25       | Staniszewska | 2020 | The good, bad and the ugly of the Acute Venous Thrombosis: Thrombus Removal with Adjunctive Catheter-Directed Thrombolysis trial from the viewpoint of clinicians                                                                                                         |
| 27       | Svedman      | 2019 | Deep venous thrombosis after Achilles tendon rupture is associated with poor patient-reported outcome                                                                                                                                                                     |
| 28       | Wagenhäuser  | 2019 | Clinical outcomes after direct and indirect surgical venous thrombectomy for inferior vena cava thrombosis                                                                                                                                                                |
| 31       | Vedantham    | 2017 | Pharmacomechanical Catheter-Directed Thrombolysis for Deep- Vein Thrombosis                                                                                                                                                                                               |
| 32       | Schmitz      | 2019 | Deep venous thrombosis and pulmonary embolism after anterior cruciate ligament reconstruction INCIDENCE, OUTCOME, AND RISK FACTORS                                                                                                                                        |
| 34       | Kahn         | 2020 | Quality of life after pharmacomechanical catheter-directed thrombolysis for proximal deep vein thrombosis                                                                                                                                                                 |
| 35       | Wu           | 2018 | The association between major complications of immobility during hospitalization and quality of life among bedridden patients: A 3 month prospective multi-center study                                                                                                   |
| 36       | Haig         | 2016 | Post-thrombotic syndrome after catheter-directed thrombolysis for deep vein thrombosis (CaVenT): 5-year follow-up results of an open-label, randomised controlled trial                                                                                                   |
| 40       | Monreal      | 2019 | Deep Vein Thrombosis in Europe—Health- Related Quality of Life and Mortality                                                                                                                                                                                              |
| 42       | Weinberg     | 2019 | Relationships Between the Use of Pharmacomechanical Catheter-Directed Thrombolysis, Sonographic Findings, and Clinical Outcomes in Patients with Acute Proximal DVT: Results from the ATTRACT Multicenter Randomized Trial                                                |
| 47       | Eirckson     | 2019 | Understanding Factors Associated with Quality of Life in Patients with Venous Thromboembolism                                                                                                                                                                             |
| 56       | Garcia       | 2020 | Ultrasound-accelerated thrombolysis and venoplasty for the treatment of the postthrombotic syndrome: Results of the ACCESS PTS Study                                                                                                                                      |
| 59       | Dumantepe    | 2019 | Endophlebectomy of the common femoral vein and endovascular iliac vein recanalization for chronic iliofemoral venous occlusion                                                                                                                                            |
| 62       | Bradbury     | 2019 | A randomised controlled trial of extended anticoagulation treatment versus standard treatment for the prevention of recurrent venous thromboembolism (VTE) and post-thrombotic syndrome in patients being treated for a first episode of unprovoked VTE (the ExACT study) |

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| 64  | Chuang      | 2019 | Comparison of quality of life measurements: EQ-5D-5L versus disease/treatment-specific measures in pulmonary embolism and deep vein thrombosis                                          |
| 66  | Sebastian   | 2020 | Early clinical outcomes for treatment of post-thrombotic syndrome and common iliac vein compression with a hybrid oblique self-expanding nitinol stent – the TOPOS study                |
| 67  | Razavi      | 2020 | Correlation between Post-Procedure Residual Thrombus and Clinical Outcome in Deep Vein Thrombosis Patients Receiving Pharmacomechanical Thrombolysis in a Multicenter Randomized Trial  |
| 69  | Engeseth    | 2019 | Does the Villalta scale capture the essence of postthrombotic syndrome? A qualitative study of patient experience and expert opinion                                                    |
| 70  | Gombert     | 2018 | Patency rate and quality of life after ultrasound-accelerated catheter-directed thrombolysis for deep vein thrombosis                                                                   |
| 71  | Chuang      | 2018 | Deep-vein thrombosis in Europe — Burden of illness in relationship to healthcare resource utilization and return to work                                                                |
| 73  | Strijkers   | 2015 | Validation of the LET classification                                                                                                                                                    |
| 74  | Lutsey      | 2020 | Long-Term Association of Venous Thromboembolism With Frailty, Physical Functioning, and Quality of Life: The Atherosclerosis Risk in Communities Study                                  |
| 76  | Siddiqui    | 2020 | Predictors of Poor Quality of Life after Primary Lower Limb Deep Venous Thrombosis: A Perspective from a Developing Nation                                                              |
| 80  | Utne        | 2018 | Rivaroxaban versus warfarin for the prevention of post-thrombotic syndrome                                                                                                              |
| 82  | Alibaz-Oner | 2016 | Post-thrombotic syndrome and venous disease-specific quality of life in patients with vascular Behçet's disease                                                                         |
| 90  | Qian        | 2020 | The perplexity of catheter-directed thrombolysis for deep venous thrombosis: the approaches play an important role                                                                      |
| 91  | Ruihua      | 2017 | Technique and Clinical Outcomes of Combined Stent Placement for Postthrombotic Chronic Total Occlusions of the Iliofemoral Veins                                                        |
| 92  | Ljungqvist  | 2018 | Long-term quality of life and postthrombotic syndrome in women after an episode of venous thromboembolism                                                                               |
| 96  | Jiang       | 2017 | Mid-term outcome of endovascular treatment for acute lower extremity deep venous thrombosis                                                                                             |
| 97  | Wagenhäuser | 2018 | Open surgery for iliofemoral deep vein thrombosis with temporary arteriovenous fistula remains valuable                                                                                 |
| 99  | Hogg        | 2014 | Validity of standard gamble estimated quality of life in acute venous thrombosis                                                                                                        |
| 104 | Catarinella | 2015 | Quality-of-life in interventionally treated patients with post-thrombotic syndrome                                                                                                      |
| 107 | Marvig      | 2015 | Quality of life in patients with venous thromboembolism and atrial fibrillation treated with coumarin anticoagulants                                                                    |
| 108 | Pesser      | 2020 | Same Admission Hybrid Treatment of Primary Upper Extremity Deep Venous Thrombosis with Thrombolysis, Transaxillary Thoracic Outlet Decompression, and Immediate Endovascular Evaluation |
| 110 | Bi          | 2019 | Long-term outcome and quality of life in patients with iliac vein compression syndrome after endovascular treatment                                                                     |
| 113 | Engelberger | 2017 | Ultrasound-assisted versus conventional catheter-directed thrombolysis for acute iliofemoral deep vein thrombosis: 1-year follow-up data of a randomized-controlled trial               |
| 114 | Dumantepe   | 2018 | The effect of Angiojet rheolytic thrombectomy in the endovascular treatment of lower extremity deep venous thrombosis                                                                   |
| 115 | Tichelaar   | 2016 | A Retrospective Comparison of Ultrasound-Assisted Catheter-Directed Thrombolysis and Catheter-Directed Thrombolysis Alone for Treatment of Proximal Deep Vein Thrombosis                |

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| 116 | Nawasrah       | 2021 | Incidence and severity of postthrombotic syndrome after iliofemoral thrombosis – results of the Iliaca-PTS – Registry                                                                                                 |
| 121 | Lozano Sanchez | 2013 | Negative impact of deep venous thrombosis on chronic venous disease                                                                                                                                                   |
| 123 | Holmes         | 2014 | Efficacy of a short course of complex lymphedema therapy or graduated compression stocking therapy in the treatment of post-thrombotic syndrome                                                                       |
| 124 | Mol            | 2016 | One versus two years of elastic compression stockings for prevention of post-thrombotic syndrome (OCTAVIA study): randomised controlled trial                                                                         |
| 128 | Mean           | 2014 | The VEINES-QOL/Sym questionnaire is a reliable and valid disease-specific quality of life measure for deep vein thrombosis in elderly patients                                                                        |
| 129 | Broholm        | 2011 | Postthrombotic syndrome and quality of life in patients with iliofemoral venous thrombosis treated with catheter-directed thrombolysis                                                                                |
| 135 | Persson        | 2011 | Deep venous thrombosis after surgery for achilles tendon rupture: a provoked transient event with minor long-term sequelae                                                                                            |
| 136 | Keita          | 2017 | Assessment of quality of life, satisfaction with anticoagulation therapy, and adherence to treatment in patients receiving long-course vitamin K antagonists or direct oral anticoagulants for venous thromboembolism |
| 141 | Vogel          | 2012 | Common femoral endovenectomy with ilio caval endoluminal recanalization improves symptoms and quality of life in patients with postthrombotic iliofemoral obstruction                                                 |
| 142 | Lee            | 2015 | Role of coexisting contralateral primary venous disease in development of post-thrombotic syndrome following catheter-based treatment of iliofemoral deep venous thrombosis                                           |
| 145 | Zhang          | 2013 | A prospective randomized trial of catheter-directed thrombolysis with additional balloon dilatation for iliofemoral deep venous thrombosis: a single-center experience                                                |
| 150 | Meng           | 2013 | Stenting of iliac vein obstruction following catheter-directed thrombolysis in lower extremity deep vein thrombosis                                                                                                   |
| 152 | Ast            | 2014 | Clinical outcomes of patients with non-fatal VTE after total knee arthroplasty                                                                                                                                        |
| 155 | Lee            | 2021 | Performance of two clinical scales to assess quality of life in patients with post-thrombotic syndrome                                                                                                                |
| 159 | Ye             | 2016 | Outcomes of stent placement for chronic occlusion of a filter-bearing inferior vena cava in patients with severe post-thrombotic syndrome                                                                             |
| 160 | Enden          | 2013 | Symptom burden and job absenteeism after treatment with additional catheter-directed thrombolysis for deep vein thrombosis                                                                                            |
| 161 | Roberts        | 2014 | Post-thrombotic syndrome is an independent determinant of health-related quality of life following both first proximal and distal deep vein thrombosis                                                                |
| 162 | Kearon         | 2019 | Pharmacomechanical catheter-directed thrombolysis in acute femoral-popliteal deep vein thrombosis: analysis from a stratified randomized trial                                                                        |
| 163 | Yuan           | 2019 | Diagnosis and treatment of acquired arteriovenous fistula after lower extremity deep vein thrombosis                                                                                                                  |
| 166 | Warner         | 2013 | Functional outcomes following catheter-based iliac vein stent placement                                                                                                                                               |
| 170 | Yu             | 2018 | The midterm effect of iliac vein stenting following catheter-directed thrombolysis for the treatment of deep vein thrombosis                                                                                          |
| 171 | Sarici         | 2013 | Our early experience with iliofemoral vein stenting in patients with post-thrombotic syndrome                                                                                                                         |

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| 172 | Ye            | 2014 | Technical details and clinical outcomes of transpopliteal venous stent placement for postthrombotic chronic total occlusion of the iliofemoral vein                                             |
| 173 | Comerota      | 2019 | Endovascular thrombus removal for acute iliofemoral deep vein thrombosis: analysis from a stratified multicenter randomized trial                                                               |
| 8   | Filippo Corsi | 2017 | Life-threatening massive pulmonary embolism rescued by venoarterial- extracorporeal membrane oxygenation                                                                                        |
| 33  | Kline         | 2013 | Treatment of submassive pulmonary embolism with tenecteplase or placebo: cardiopulmonary outcomes at 3 months: multicenter double-blind, placebo-controlled randomized trial                    |
| 37  | Rolving       | 2020 | Effect of a Physiotherapist-Guided Home-Based Exercise Intervention on Physical Capacity and Patient-Reported Outcomes Among Patients With Acute Pulmonary Embolism A Randomized Clinical Trial |
| 41  | Kahn, S.      | 2017 | Functional and Exercise Limitations After a First Episode of Pulmonary Embolism Results of the ELOPE Prospective Cohort Study                                                                   |
| 44  | Keller, K.    | 2018 | Quality of life and functional limitations after pulmonary embolism and its prognostic relevance                                                                                                |
| 48  | Tavoly, M.    | 2018 | The impact of post-pulmonary embolism syndrome and its possible determinants                                                                                                                    |
| 49  | Stoller       | 2019 | Clinical presentation and outcomes in elderly patients with symptomatic isolated subsegmental pulmonary embolism                                                                                |
| 50  | Hoole         | 2020 | Balloon pulmonary angioplasty for inoperable chronic thromboembolic pulmonary hypertension: the UK experience                                                                                   |
| 51  | Kamenskaya    | 2020 | Long-term health-related quality of life after surgery in patients with chronic thromboembolic pulmonary hypertension                                                                           |
| 52  | Notten        | 2020 | Prevalence of venous obstructions in (recurrent) venous thromboembolism: a case-control study                                                                                                   |
| 54  | Taboada       | 2014 | Outcome of pulmonary endarterectomy in symptomatic chronic thromboembolic disease                                                                                                               |
| 55  | Cires-Drouet  | 2020 | Safety of exercise therapy after acute pulmonary embolism                                                                                                                                       |
| 60  | Chuang        | 2019 | Health-related quality of life and mortality in patients with pulmonary embolism: a prospective cohort study in seven European countries                                                        |
| 65  | Jeong         | 2019 | Relationship of Lower-extremity Deep Venous Thrombosis Density at CT Venography to Acute Pulmonary Embolism and the Risk of Postthrombotic Syndrome                                             |
| 68  | Kamenskaya    | 2017 | Factors affecting the quality of life before and after surgery in patients with chronic thromboembolic pulmonary hypertension                                                                   |
| 72  | Darocha       | 2017 | Improvement in Quality of Life and Hemodynamics in Chronic Thromboembolic Pulmonary Hypertension Treated With Balloon Pulmonary Angioplasty                                                     |
| 75  | Tavoly        | 2016 | Health-related quality of life after pulmonary embolism: a cross-sectional study                                                                                                                |
| 77  | Walen         | 2017 | Safety, feasibility and patient reported outcome measures of outpatient treatment of pulmonary embolism                                                                                         |
| 78  | Knox          | 2019 | Preservation of Cardiopulmonary Function in Patients Treated with Ultrasound-Accelerated Thrombolysis in the Setting of Submassive Pulmonary Embolism                                           |
| 79  | Rao           | 2019 | Ultrasound-assisted versus conventional catheter-directed thrombolysis for acute pulmonary embolism: A multicenter comparison of patient-centered outcomes                                      |
| 81  | Ivarsson      | 2018 | Health-related quality of life, treatment adherence and psychosocial support in patients with pulmonary arterial hypertension or chronic thromboembolic pulmonary hypertension                  |

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| 93  | van Es     | 2013 | Quality of life after pulmonary embolism as assessed with SF-36 and PEmb-QoL                                                                                                                               |
| 98  | Fukui      | 2016 | Efficacy of cardiac rehabilitation after balloon pulmonary angioplasty for chronic thromboembolic pulmonary hypertension                                                                                   |
| 102 | Urushibara | 2015 | Effects of Surgical and Medical Treatment on Quality of Life for Patients With Chronic Thromboembolic Pulmonary Hypertension                                                                               |
| 103 | Piazza     | 2020 | One-Year Echocardiographic, Functional, and Quality of Life Outcomes After Ultrasound-Facilitated Catheter-Based Fibrinolysis for Pulmonary Embolism                                                       |
| 105 | Akabeti    | 2018 | Determining the minimal clinically important difference for the PEmbQoL questionnaire, a measure of pulmonary embolism-specific quality of life                                                            |
| 117 | Harzheim   | 2013 | Anxiety and depression disorders in patients with pulmonary arterial hypertension and chronic thromboembolic pulmonary hypertension                                                                        |
| 118 | Sertic     | 2020 | Mid-term outcomes with the use of extracorporeal membrane oxygenation for cardiopulmonary failure secondary to massive pulmonary embolism                                                                  |
| 122 | Inagaki    | 2014 | Home-based pulmonary rehabilitation in patients with inoperable or residual chronic thromboembolic pulmonary hypertension: A preliminary study                                                             |
| 125 | Kahn       | 2017 | Quality of life, dyspnea, and functional exercise capacity following a first episode of pulmonary embolism: Results of the ELOPE Cohort Study                                                              |
| 132 | Barco      | 2021 | Survival and quality of life after early discharge in low-risk pulmonary embolism                                                                                                                          |
| 133 | Stewart    | 2015 | Contribution of fibrinolysis to the physical component summary of the SF-36 after acute submassive pulmonary embolism                                                                                      |
| 138 | Nagel      | 2012 | Exercise training improves exercise capacity and quality of life in patients with inoperable or residual chronic thromboembolic pulmonary hypertension                                                     |
| 139 | Roman      | 2013 | Health-related quality of life in a national cohort of patients with pulmonary arterial hypertension or chronic thromboembolic pulmonary hypertension                                                      |
| 144 | Marshall   | 2011 | Surgical pulmonary embolectomy: mid-terms outcomes                                                                                                                                                         |
| 148 | Kline      | 2016 | Outpatient treatment of low-risk venous thromboembolism with monotherapy oral anticoagulation: patient quality of life outcomes and clinician acceptance                                                   |
| 149 | Tavoly     | 2015 | Quality of life after pulmonary embolism: first cross-cultural evaluation of the pulmonary embolism quality-of-life (PEmb-QoL_ questionnaire in a Norwegian cohort                                         |
| 157 | Valerio    | 2021 | Quality of life three and twelve months after acute pulmonary embolism: analysis from a prospective multicenter cohort study                                                                               |
| 164 | Berlier    | 2019 | Real-life experience with Selexipag as an add-on therapy to oral combination therapy in patients with pulmonary arterial or distal chronic thromboembolic pulmonary hypertension: a retrospective analysis |
| 165 | Guth       | 2018 | Exercise right heart catheterisation before and after pulmonary endarterectomy in patients with chronic thromboembolic disease                                                                             |