

Supplementary information

TABLE S1 Incidence of CTEPH confirmed by right heart catheterisation after an acute PE

Study	No. of acute PE cases screened	Follow-up duration (months)	No. of CTEPH cases diagnosed	Incidence of CTEPH after acute PE (%)
PENGO <i>et al.</i> 2004 [1]	314	94	18	3.1
BECATTINI <i>et al.</i> 2006 [2]	259	46	2	0.8
KLOK <i>et al.</i> 2010 [3]	866	34	4	0.6
MARTI <i>et al.</i> 2010 [4]	294	24	10	3.4
POLI <i>et al.</i> 2010 [5]	239	36	1	0.4
SURIE <i>et al.</i> 2010 [6]	110	24–48	3	2.7
BERGHAUS <i>et al.</i> 2011 [7]	87	22.5	5	5.8
HELD <i>et al.</i> 2014 [8]	130	3–6	8	6.2
GIULIANI <i>et al.</i> 2014 [9]	164	24	5	3
GUERIN <i>et al.</i> 2014 [10]	146	26	7	4.8
KAYAALP <i>et al.</i> 2014 [11]	99	12–24	5	5
VAVERA <i>et al.</i> 2014 [12]	97	24	2	2
KLOK <i>et al.</i> 2015 [13]	160	7	6	3.8

CTEPH: chronic thromboembolic pulmonary hypertension; PE: pulmonary embolism.

Supplementary references

Note. These publications are also cited in the main paper, with different reference numbers

1. Pengo V, Lensing AW, Prins MH, Marchiori A, Davidson BL, Tiozzo F, Albanese P, Biasiolo A, Pegoraro C, Iliceto S, Prandoni P. Incidence of chronic thromboembolic pulmonary hypertension after pulmonary embolism. *N Engl J Med* 2004; 350: 2257–2264.
2. Becattini C, Agnelli G, Pesavento R, Silingardi M, Poggio R, Taliani MR, Ageno W. Incidence of chronic thromboembolic pulmonary hypertension after a first episode of pulmonary embolism. *Chest* 2006; 130: 172–175.
3. Klok FA, van Kralingen KW, van Dijk AP, Heyning FH, Vliegen HW, Huisman MV. Prospective cardiopulmonary screening program to detect chronic thromboembolic pulmonary hypertension in patients after acute pulmonary embolism. *Haematologica* 2010; 95: 970–975.
4. Martí D, Gómez V, Escobar C, Wagner C, Zamarro C, Sánchez D, Sam A, Briongos S, Gaudó J, Sueiro A, Jiménez D. Incidence of symptomatic and asymptomatic chronic thromboembolic pulmonary hypertension. *Arch Bronconeumol* 2010; 46: 628–633.
5. Poli D, Grifoni E, Antonucci E, Arcangeli C, Prisco D, Abbate R, Miniati M. Incidence of recurrent venous thromboembolism and of chronic thromboembolic pulmonary hypertension in patients after a first episode of pulmonary embolism. *J Thromb Thrombolysis* 2010; 30: 294-249
6. Surie S, Gibson NS, Gerdes VE, Bouma BJ, van Eck-Smit BL, Buller HR, Bresser P. Active search for chronic thromboembolic pulmonary hypertension does not appear indicated after acute pulmonary embolism. *Thromb Res* 2010; 125: e202-205.
7. Berghaus TM, Barac M, von Scheidt W, Schwaiblmair M. Echocardiographic evaluation for pulmonary hypertension after recurrent pulmonary embolism. *Thromb Res* 2011; 128: e144–147.
8. Held M, Hesse A, Gött F, Holl R, Hübner G, Kolb P, Langen HJ, Romen T, Walter F, Schäfers HJ, Wilkens H, Jany B. A symptom-related monitoring program following pulmonary embolism for

the early detection of CTEPH: a prospective observational registry study. *BMC Pulm Med* 2014; 14: 141.

9. Giuliani L, Piccinino C, D'Armini MA, Manganiello S, Ferrarotti L, Balbo PE, Lupi A, Marino PN. Prevalence of undiagnosed chronic thromboembolic pulmonary hypertension after pulmonary embolism. *Blood Coagul Fibrinolysis* 2014; 25: 649–653.
10. Guérin L, Couturaud F, Parent F, Revel MP, Gillaizeau F, Planquette B, Pontal D, Guégan M, Simonneau G, Meyer G, Sanchez O. Prevalence of chronic thromboembolic pulmonary hypertension after acute pulmonary embolism. Prevalence of CTEPH after pulmonary embolism. *Thromb Haemost* 2014; 112:598–605.
11. Kayaalp I, Varol Y, Çimen P, Demirci Üçsular F, Katgı N, Unlü M, Kıraklı C, Güçlü SZ, Ergene O. The incidence of chronic thromboembolic pulmonary hypertension secondary to acute pulmonary thromboembolism. *Tuberk Toraks* 2014; 62: 199–206.
12. Vavera Z, Vojacek J, Pudil R, Maly J, Elias P. Chronic thromboembolic pulmonary hypertension after the first episode of pulmonary embolism? How often? *Biomed Pap Med Fac Univ Palacky Olomouc Czech Repub* 2016; 160: 125–129.
13. Klok FA, Tesche C, Rappold L, Dellas C, Hasenfuß G, Huisman MV, Konstantinides S, Lankeit M. External validation of a simple non-invasive algorithm to rule out chronic thromboembolic pulmonary hypertension after acute pulmonary embolism. *Thromb Res* 2015; 135: 796–801.