Supplementary Table 1. Mean values for clinical characteristics at diagnosis

|  |  |
| --- | --- |
| Characteristic | Mean (SD) |
| **Exercise capacity** |  |
| ISWT, m (n=58) | 153 (169) |
| **Haemodynamics** |  |
| Heart rate, bpm (n=51) | 85 (15) |
| MAP, mmHg (n=50) | 103.2 (16.3) |
| mRAP, mmHg (n=42) | 10.5 (5.4) |
| mPAP, mmHg (n=53) | 48.2 (10.3) |
| mPAWP, mmHg (n=47) | 11.5 (3.7) |
| Cardiac index, L/min/m2 (n=50) | 2.5 (0.7) |
| PVR, Wood units (n=45) | 9.4 (4.8) |
| SvO2, % (n=51) | 63.1 (9) |
| **Lung function** |  |
| FEV1/FVC, % | 67 (15) |
| DLCO, % predicted (n=39) | 31.6 (12.2) |

bpm, beats per minute; DLCO, carbon monoxide transfer factor; FEV1, forced expiratory volume in 1 second; FVC, forced vital capacity; ISWT, incremental shuttle walk test; MAP, mean arterial pressure; mPAP, mean pulmonary artery pressure; mPAWP, mean pulmonary artery wedge pressure; mRAP, mean right atrial pressure; PVR, pulmonary vascular resistance; SvO2, mixed venous oxygen saturation.

Supplementary Table 2. HCRU and associated costs during the first year following SAPH diagnosis (N=42)

|  |  |
| --- | --- |
| Total HCRU from diagnosis (1 year follow-up) | |
| No. all-cause inpatient hospitalisations (>1 day) | 59 |
| Elective, n (%) | 27 (42) |
| Non-elective, n (%) | 34 (58) |
| PH-specific | 27 (46) |
| No. all-cause inpatient hospitalisations (same-day spells) | 130 |
| Elective, n (%) | suppressed |
| Non-elective, n (%) | <7 |
| PH-specific | 104 (80) |
| No. all-cause outpatient consultations | 374 |
| No. all-cause A&E visits | 26 |
| HCRU, per patient per year of follow-up | |
| No. inpatient hospitalisations (>1 day) |  |
| Mean (SD) | 1.4 (2.2) |
| Median (Q1, Q3) | 1 (0, 2) |
| Duration (>1 day) for inpatient hospitalisations, days | n=24 |
| Mean (SD) | 4.7 (2.8) |
| Median (Q1, Q3) | 4 (2, 6.8) |
| No. inpatient hospitalisations (same-day spells) |  |
| Mean (SD) | 3.1 (1.9) |
| Median (Q1, Q3) | 3 (2, 4) |
| No. outpatient consultations |  |
| Mean (SD) | 8.9 (5.7) |
| Median (Q1, Q3) | 8.5 (6, 11) |
| No. A&E visits |  |
| Mean (SD) | 0.6 (1.1) |
| Median (Q1, Q3) | 0 (0, 1) |
| Total costs (GBP) from diagnosis (1 year follow-up) | |
| Inpatient hospitalisations (>1 day) | 116,834 |
| Inpatient hospitalisations (same-day spells) | 122,850 |
| Outpatient consultations | 48,188 |
| A&E visits | 3,760 |
| Costs (GBP), per patient per year of follow-up | |
| Inpatient hospitalisations (>1 day) |  |
| Mean (SD) | 2,782 (4,022) |
| Median (Q1, Q3) | 1,202 (0, 3,677) |
| Inpatient hospitalisations (same-day spells) |  |
| Mean (SD) | 2,925 (1,934) |
| Median (Q1, Q3) | 2,645 (1,660, 4,140) |
| Outpatient consultations |  |
| Mean (SD) | 1,147 (642) |
| Median (Q1, Q3) | 1,059 (780, 1,483) |
| A&E visits |  |
| Mean (SD) | 90 (161) |
| Median (Q1, Q3) | 0 (0, 144) |

A&E, accident and emergency; GBP, British pound sterling; HCRU, healthcare resource utilisation; SAPH, sarcoidosis-associated pulmonary hypertension.