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| Table 1. Sociodemographic features and clinical characteristics of children with CF and PCD | | | | | |
|  | | **CF**  **n (%)** | **PCD**  **n (%)** | | **p** |
| Sex  Female  Male | 66 (50.4)  65 (49.6) | | | 20 (51.3)  19 (48.7) | 0.087a |
| Age (years) (mean±SD)  Mean BMI of the patients | 6.5±5.3  16.1±2.9 | | | 10.4±4.6  17.5±2.4 | 0.001b\*  0.013b\* |
| Duration of the follow-up (years) (mean±SD) | 4.6±4.0 | | | 5.5±4.4 | 0.064b |
| Number of hospital visits in the previous 6 months (mean±SD) | 4.5±1.6 | | | 2.8±1.6 | 0.006b\* |
| Number of hospitalizations in the previous 6 months (mean±SD) | 3.8±1.8 | | | 2.3±1.7 | 0.011b\* |
| Duration of hospitalizations in the previous 6 months (days) (median, range) | 10 (2, 24) | | | 5 (1, 11) | 0.001c\* |
| Number of exacerbations in the last year (mean±SD) | 4.2±0.9 | | | 2.1±0.7 | 0.024b\* |
| The number of children with colonization | 34 (25.9) | | | 5 (12.8) | 0.024a\* |
| Pulmonary function test results  FEV1 (%) (median, range)  FVC (%) (median, range)  FEV1/FVC (median, range)  FEF25-75 (%) (mean±SD) | 79 (24-120)  75 (22-117)  80 (69-108)  65.5±27.2 | | | 86 (65-132)  82 (64-112)  104 (101-117)  79.4±32.6 | 0.018c\*  0.014c\*  0.023c\*  0.001b\* |

SD: standard deviation \*statistically significant aChi-square test, bindependent sample t-test, cMann Whitney U test

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| **Table 2.** Sociodemographic features of the childrens’ mothers | | | |  | |
|  | **CF**  **n (%)** | | **PCD**  **n (%)** | **p** |
| Mean age (years) (mean±SD) | 33.2±6.5 | | 34.7±7.0 | 0.125b |
| Educational level | |  |  |  |
| Non-educated | | 5 (3.8) | 1 (2.5) |  |
| Primary school graduates | | 70 (53.4) | 21 (53.8) |
| High school graduates | | 44 (33.5) | 15 (38.7) |
| University graduates | | 10 (7.6) | 1 (2.5) |
| Postgraduate | | 2 (1.7) | 1 (2.5) |
| Occupational status | |  |  |  |
| Homemaker | | 121 (92.4) | 37 (94.9) |  |
| Blue-collar worker | | 6 (4.6) | 2 (5.1) |  |
| White-collar worker | | 4 (3.1) | 0 |  |
| Health status | |  |  |  |
| Healthy | | 122 (93.5) | 32 (82.0) |  |
| Physical disorder | | 7 (5.0) | 6 (15.4) |  |
| Psychiatric disorder | | 2 (1.5) | 1 (2.6) |  |
| Family income level | |  |  |  |
| Below hunger threshold | | 59(45.0) | 15 (38.5) | 0.019a\* |
| Between hunger and poverty threshold | | 56(42.7) | 17(43.6) |  |
| Above poverty threshold | | 16(12.2) | 7(17.9) |  |
| Family type | |  |  |  |
| Nuclear | | 117 (89.2) | 36 (92.5) | 0.068a |
| Extended | | 14 (10.8) | 3 (7.5) |  |
| Consanguinity | | 67 (51.1) | 17 (43.5) | 0.094a |
| History of sibling death | | 33 (25.2) | 7 (17.9) | 0.139a |
| Presence of chronic disease in another child | | 27 (20.6) | 7 (17.9) | 0.257a |
| Presence of work and family problems related to their children’s hospitalization | | 82 (62.5) | 12 (30.7) | 0.023a\* |
| SD: standard deviation \*statistically significant aChi-square test, bindependent sample t-test | | | | | |

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| **Table 3.** **Comparison of the mothers’ mean BDS, MBI, ZCBS, and PARI scores** | | | |
|  | **CF** | **PCD** | **p** |
| BDI score (median, range)  Mild depression n (%)  Moderate depression n (%)  Severe depression n (%) | 9 (0, 63)  38 (29)  15 (11.4)  6 (4.5) | 5 (0, 49)  8 (20.5)  5 (12.8)  2 (5.1) | 0.017c\* |
| MBI |  |  |  |
| Emotional exhaustion (median, range)  Low n (%)  Moderate n (%)  High n (%) | 10 (0, 54)  66 (50.3)  40 (30.5)  25 (19.2) | 7 (0, 29)  28 (71.9)  5 (12.8)  6 (15.3) | 0.045c\* |
| Depersonalization (median, range)  Low n (%)  Moderate n (%)  High n (%) | 2 (0, 30)  52 (39.6)  36 (27.6)  43 (32.8) | 2 (0, 14)  23 (58.9)  6 (15.5)  10 (25.6) | 0.023c\* |
| Personal accomplishment (median, range)  Low n (%)  Moderate n (%)  High n (%) | 24 (0, 39)  62 (47.3)  40 (30.5)  29 (22.2) | 21 (0, 48)  10 (25.7)  8 (20.5)  21 (53.8) | 0.034c\* |
| ZCBS (median, range)  Mild n (%)  Moderate n (%)  Severe n (%) | 37 (21, 67)  69 (52.7)  46 (35.1)  16 (12.2) | 34 (21, 75)  17 (44.2)  12 (29.7)  10 (26.1) | 0.038c\* |
| PARI  Over-protectiveness (median, range)  Democratic attitude (median, range)  Rejection of the homemaker role (median, range)  Marital conflict (median, range)  Strictness (median, range) | 52 (28, 64)  27 (11, 34)  30 (14, 47)  15 (6, 23)  42 (19, 64) | 46 (20, 60)  27 (18, 33)  24 (10, 48)  14 (6, 24)  40 (24, 59) | 0.043c\*  >0.05c  0.001c\*  >0.05c  >0.05c |
| BDI: Beck Depression Inventory; MBI: Maslach Burnout Inventory; ZCBS: Zarit Caregiver Burden Scale; PARI: Parental Attitude Research Instrument  \*statistically significant,  cMann Whitney U test | | | |

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| **Table 4.** **Correlations between children’s hospital visits and length of hospitalization with mothers’ scores** | | | | | | | | |
|  | **Number of hospital visits**  **in the previous 6 months** | | | | **Duration of hospitalizations in the previous 6 months** | | | |
|  | **CF** | | **PCD** | | **CF** | | **PCD** | |
|  | **r** | **p** | **r** | **p** | **r** | **p** | **r** | **p** |
| BDI | 0.241 | 0.521 | 0.342 | 0.089 | 0.399 | 0.126 | 0.303 | 0.120 |
| MBI | 0.207 | 0.034\* | 0.352 | 0.044\* | 0.462 | 0.154 | 0.240 | 0.061 |
| ZCBS | 0.260 | 0.007\* | 0.095 | 0.124 | 0.283 | 0.185 | 0.152 | 0.113 |
| PARI |  | | | | | | | |
| Over-protectiveness | -0.198 | 0.033\* | 0.312 | 0.065 | 0.585 | 0.144 | 0.158 | 0.078 |
| Democratic attitude | 0.222 | 0.126 | 0.125 | 0.098 | -0.215 | 0.021\* | 0.144 | 0.568 |
| Rejection of the homemaker role | 0.259 | 0.312 | 0.341 | 0.456 | 0.283 | 0.185 | 0.240 | 0.421 |
| Marital conflict | 0.256 | 0.689 | 0.380 | 0.794 | 0.194 | 0.038\* | 0.269 | 0.334 |
| Strictness | -0.232 | 0.012\* | 0.256 | 0.063 | 0.349 | 0.192 | 0.112 | 0.212 |

BDI: Beck Depression Inventory; MBI: Maslach Burnout Inventory; ZCBS: Zarit Caregiver Burden Scale; PARI: Parental Attitude Research Instrument \*statistically significant