**Supplementary Table 5. Published studies investigating the association between lung function parameters and NAFLD**

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| **Author, year** | **Series sample** | **NAFLD diagnosis** | **Main findings** |
| Jung, 20127 | 2119 South Korean men | Ultrasonography | NAFLD was independently associated with decreased lung function tests.  Lung functiondecreased with severity of ultrasonographic steatosis. |
| Peng, 20159 | 9976 USA adults | Ultrasonography | NAFLD was independently associated with decreased lung function tests.  Lung functionwas decreased by the severity of ultrasonographic steatosis, especially in restrictive pulmonary pattern. |
| Viglino, 201710 | 111 French patients with chronic obstructive pulmonary disease (COPD) | Ultrasonography | NAFLD was highly prevalent in these patients and contributed to cardiometabolic comorbidities. |
| Qin, 201711 | 1842 Chinese adults | Ultrasonography | NAFLD was independently associated with decreased lung function tests.  Lower predicted FVC and FEV1 values were associated with higher prevalence of NAFLD. |
| Kwak, 2018 12 | 7417 South Korean adults | Ultrasonography | NAFLD was significantly associated with decreased lung function tests (especially in men).  NAFLD was significantly associated with a lower FVC and FEV1. |
| Moon, 201813 | 11738 South Korean adults | NAFLD Liver Fat score | NAFLD was independently associated with decreased lung function tests and a greater prevalence of obstructive pulmonary disease. |
| Lee, 201814 | 11892 South Korean adults | Ultrasonography | NAFLD was independently associated with decreased lung function tests  NAFLD with increased FIB-4 score had a significant reduction in predicted FVC than those with low FIB4 score. |
| Song, 201915 | 96104 South Korean adults | Ultrasonography | Decreased FVC and FEV1 at baseline were independently associated with a greater risk of developing incident NAFLD. |
| Lee, 202016 | 420, South Korean NAFLD patients | Liver Biopsy | Histological severity of NAFLD, especially the fibrosis stage, was associated with decreased lung function tests. |
| Amrousy, 202117 | 237 Egyptian children | Ultrasonography | Lung function impairment was associated with NAFLD as well as with greater insulin resistance and higher plasma C-reactive protein levels. |

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