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Body: Aim: The relationship of smoking with some interstitial lung diseases (ILDs) has been published. The aim of the study was to evaluate smoking habits among our ILDs patients (pts). Methods: Consecutive pts admitted to the hospital were divided into two groups; sarcoid-group1, other ILDs-group2. Results: 236 pts were studied. Group1-177 pts (98M /79F) vs 59 pts (27M/32F) - group2. The average age was 49±12.1y. In group1, 103 pts (58%) were ever smokers (ES), 26 (14%) current smokers (CS), in group2, 37 pts (63%) were ES, 4 (7%) CS. The average age of smoking initiation was 18.7±3.4y in group1 and 18.5±4.2y in group2, p=ns. In group1 women started smoking later than men (19.8±3.4y vs 17.9±3.1), p>0.05. In group2 the mean number of cigarettes per day was 13.4±8.1 for women vs 19.5±8.2 for men, p>0.05. The average age of sarcoid smokers was significantly lower vs non-smokers; 46.1±12.02y vs 52±11.06y, p>0.05. The average age of CS was significantly lower than ex-smokers (XS) 41±13.3y vs 49±11.3y, p>0.05. Among CS, smoking exposure was longer vs XS 20.3±8.9y vs 13.4±8.6y, p>0.05. In group1 150 pts (89 smokers (S)/61 never smokers (NS) were exposed to secondhand smoke (shs) at home, 108 (68 S/ 40 NS) at work vs 45 (29 S/ 16 NS) were exposed to shs at home, 36 (22 S/14 NS) at work from group2. Smokers (90) exposed to shs at work vs smokers (50) not exposed, smoked longer 19.3 vs 13.7 y, p>0.05 and smoked in average more cigarettes per day 14.7 vs 12.1, p>0.05. Sarcoid smokers (68) exposed to shs at work, smoked more cigarettes per day vs those who were not exposed (35), 14.1 vs 11.0, p>0.05. Conclusions: The prevalence of smoking was high among pts with ILDs. Exposure to shs must be taken into account regardless of whether a patient is a smoker himself. SHS may affect smoking habits.