Table 1. Characteristics of smokers with acute coronary syndrome at baseline by treatment group

<table>
<thead>
<tr>
<th>Demographic variables</th>
<th>Group A</th>
<th>Group B</th>
<th>P</th>
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</thead>
<tbody>
<tr>
<td>Number</td>
<td>54</td>
<td>45</td>
<td>0.366</td>
</tr>
<tr>
<td>Age, mean year ± SD</td>
<td>55±11</td>
<td>55±10</td>
<td>0.76</td>
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**Level of education, n(%)**
- Analphabet/Primary: 29(53.7) vs 18(40.0) (P = 0.18)
- Secondary /University: 25(47.3) vs 27(60.0) (P = 0.18)

**Working status, n (%)**
- Employed: 39(72.2) vs 33(73.3) (P = 0.902)

**Smoking variables**
- Type Cigarettes n (%): 51(98.1) vs 42(89.4) (P = 0.10)
- Cigarettes per day, mean ± SD: 29.4 ± 14.9 vs 34.3 ± 13.3 (P = 0.09)
- Prior attempt to quit: n (%): 28(51.9) vs 21(46.7) (P = 0.607)
- Motivation score to quit (QMAT scale) mean ± SD: 19.2 ± 2.6 vs 19.04 (P = 0.752)
- FTNDS, mean ± SD: 6.13 (2.2) vs 6.31 (2.1) (P = 0.690)
- ≥7 (severe) n (%): 25(48.1) vs 24(53.3) (P = 0.606)
- Alcohol consumption: 11(20.4) vs 9(20.0) (P = 0.964)
- Other household smokers: 11(20.4) vs 9(20.0) (P = 0.964)

**Clinical characteristics**
- Presence of CVRF other than smoking, n (%): 20(42.6) vs 13(26) (P = 0.17)
- Diabetes: 20(42.6) vs 17(33.8) (P = 0.64)
- Hypertension: 16(34) vs 13(28.9) (P = 0.59)
- Hyperlipidemia: 21(44.7) vs 18(40) (P = 0.65)
- Obesity(BMI ≥30): 6(12.8) vs 9(20.5) (P = 0.32)
- PAOD: 4(8.5) vs 2(4.4) (P = 0.67)
- History of CVD (prior to baseline event): 12(23.1) vs 16(34) (P = 0.22)
- History of depression: 0 vs 0

**Admission event, n (%)**
- STEMI: 30(68.9) vs 14(31.1) (P = 0.761)
- NSTEMI: 18(37.5) vs 31(62.5) (P = 0.002)

**Presence of complication yes, n (%)**
- 11(22.9) vs 13(28.9) (P = 0.51)

**Length of stay in department of cardiology (weeks), Median (IQR)**
- 8 (6-11) vs 9 (7-12) (P = 0.121)

**Length of stay CICU (week), Median (IQR)**
- 3 (0.5-4) vs 4 (3-4) (P = 0.007)

**Follow up duration (week) Median (IQR)**
- 24 (11-31) vs 17.5 (11.25-27.5) (P = 0.250)

**Treatment, n (%)**
- No intervention: 11(23.9) vs 9(20) (P = 0.65)
- PCI/ CABG: 35(76.1) vs 36(80)

**Number of clinic visits, n (%)**
- ≥ 4: 16(30.1) vs 22(46.8) (P = 0.10)

**Compliance, n (%)**
- Good: 24(46.2) vs 21(44.7)
- Poor: 28(53.8) vs 26(55.3) (P = 0.88)

**Occurrence of Side effects of NRT, n (%)**
- Allergic skin reaction: 2(7.1) vs 3(10.3) (P = 0.1)

**Withdrawal symptoms, n (%)**
- No one: 21(40.4) vs 14(29.8) (P = 0.10)
- Nervousness: 5(9.6) vs 12(25.5) (P = 0.10)
- Others: 26(50) vs 21(44.7)

**Benefits of smoking cessation, n (%)**
- Improvement of respiratory signs: 28(57.1) vs 30(60)
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<tbody>
<tr>
<td>Increased appetite</td>
<td>10(20.4)</td>
<td>11(22)</td>
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<tr>
<td>Others(^4)</td>
<td>7(14.2)</td>
<td>8(16)</td>
</tr>
</tbody>
</table>

\(^1\)Wearing nicotine patches on a regular basis.
\(^2\)Wearing nicotine patches on an irregular basis.
\(^3\)Headache, Lack of concentration, insomnia, craving.
\(^4\)Sleep quality improvement, enhancement of physical activity.

FTNDS = Fagerstrom test for Nicotine Dependence score. CVRF = cardio-vascular risk factor. PAOD = peripheral arterial occlusive disease. BMI = body mass index. CVD = cardiovascular disease. STEMI = ST segment-elevation myocardial infarction. NSTEMI = Non-ST segment-elevation myocardial infarction (NSTEMI). CICU = cardiac intensive care unit. PCI = Percutaneous Coronary Intervention. CABG = Coronary artery bypass grafting. CAD = coronary artery disease. NRT = Nicotine Replacement Therapy. Group A: received counseling and NRT during in-hospital stay one day after SCA. Group B benefited from counseling during in-hospital stay, while the NRT was offered on a mean of 14 days after SCA at the first clinical visit post-hospital discharge.