

Appendix :

Factors of Metabolic Syndrome

| | | The degree of fatty liver disease | | P-value | * |
|-------------------------------|-----|-----------------------------------|-----------------|---------|---|
| | | Negative/Mild | Moderate/Severe | | |
| 1. Central obesity (Waist) | Yes | 155(47.26) | 173(52.74) | <0.001 | * |
| | No | 680(84.16) | 128(15.84) | | |
| 2. Hypertension | Yes | 301(64.59) | 165(35.41) | <0.001 | * |
| | No | 535(79.73) | 136(20.27) | | |
| 3. HDL Cholesterol | Yes | 270(62.50) | 162(37.50) | <0.001 | * |
| | No | 565(80.37) | 138(19.63) | | |
| 4. Fasting glucose (AC Sugar) | Yes | 171(52.13) | 157(47.87) | <0.001 | * |
| | No | 663(82.36) | 142(17.64) | | |
| 5. Triglyceride | Yes | 218(61.24) | 138(38.76) | <0.001 | * |
| | No | 614(79.43) | 159(20.57) | | |

Missing data

Central obesity (Waist)-1 case; HDL Cholesterol- 2 cases

Fasting glucose (AC Sugar)-4 cases; Triglyceride-8 cases

The definition of abnormal values of metabolic factors according to ATP III 2004

| Item | Male | Female |
|---------------------|--|--------------------|
| (1) Waist | $\geq 90\text{cm}$ | $\geq 80\text{cm}$ |
| (2) Hypertension | Systolic blood pressure $\geq 130\text{ mmHg}$ Diastolic blood pressure $\geq 85\text{ mmHg}$ | |
| (3) HDL Cholesterol | $<40\text{mg/dL}$ | $<50\text{mg/dL}$ |
| (4) Triglyceride | $\geq 150\text{mg/dL}$ | |
| (5) AC Sugar | $\geq 100\text{mg/dL}$ | |