Name: Nandita Age/Sex: 26 yrs/F

Date: 5th Feb 2016 Time: 10:30 am

--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

**RESTING HEART RATE VARIABILITY REPORT\***

|  |  |  |
| --- | --- | --- |
| **Parameter** | **Observed value** | **Normal value** |
| SDNN (in ms) | 69 | 141±39 |
| RMSSD (in ms) | 33 | 27±12 |
| Total Power (in ms2) | 4771 | 3466±1018 |
| Low frequency power (in ms2) | 964 | 1170±416 |
| High frequency power (in ms2) | 589 | 975±203 |
| Low frequency (normalized units) | 62 | 54±4 |
| High frequency (normalized units) | 38 | 29±3 |
| LF/HF ratio | 1.6 | 0.5-1.5 |

##### **CONVENTIONAL CARDIAC AUTONOMIC FUNCTION TEST REPORT**

##### **(In Response to Physiological Stressors) \*\***

|  |  |  |
| --- | --- | --- |
| **Parameters/tests** | **Observed value** | **Normal range** |
| Deep breathing difference | 15 | >15 |
| Valsalva ratio | 1.36 | >1.21 |
| Max: min ratio (orthostatic test) | 1.38 | >1.04 |
| Δ ↑DP (isometric handgrip test) (mmHg) | 7 | >15 |
| Δ ↓SP (orthostatic test) (mmHg) | Increased by 2 | <10 |

**Comments:**

1. The resting average HR was 68 BPM.
2. The resting BP was 110/74 mm of Hg.
3. Respiratory sinus arrhythmia was ***adequate*** during deep breathing test.
4. Valsalva ratio was ***adequate***.
5. During isometric hand grip test BP basal 110/74 mm of Hg, BP after 2 min 122/81 mm of Hg
6. Blood pressure and Heart rate changes during Orthostatic test:

|  |  |  |  |
| --- | --- | --- | --- |
|  | **SBP (in mm of Hg)** | **DBP (in mm of Hg)** | **HR (per min)** |
| Basal | 107 | 73 | 64 |
| Immediately after standing | 113 | 75 | 77 |
| 1 min after standing | 111 | 73 | 75 |
| 2 min after standing | 109 | 75 | 71 |
| 5 min after standing | 109 | 76 | 68 |

1. No postural symptoms were reported by the subject.

.

Name: Nandita Age/Sex: 26 yrs/F

Date: 5th Feb 2016 Time: 10:30 am

--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

**TILT TABLE TEST REPORT**

|  |  |  |  |
| --- | --- | --- | --- |
| **Time(minutes)** | **SBP(mm of Hg)** | **DBP(mm of Hg)** | **HR(BPM)** |
| Basal | 113 | 73 | 63 |
| TILTED | | | |
| Immediately after tilt | 107 | 74 | 77 |
| 1min | 104 | 73 | 71 |
| 2 min | 110 | 76 | 75 |
| 3 min | 109 | 73 | 82 |
| 4 min | 112 | 72 | 75 |
| 5 min | 105 | 74 | 72 |
| 7min | 107 | 77 | 73 |
| 10 min | 111 | 78 | 76 |
| 12 min | 110 | 74 | 77 |
| 15 min | 109 | 71 | 81 |
| 18 min | 109 | 76 | 80 |
| 20 min | 105 | 75 | 69 |
| TILTED BACK | | | |
| Immediately | 113 | 69 | 84 |
| 1 min | 107 | 74 | 68 |
| 2 min | 115 | 71 | 70 |
| 5 min | 109 | 74 | 68 |

**Comments:**

Subject was hemodynamically stable during tilt table test.

**IMPRESSION:**

* Resting HRV parameters show ***normal total power with Sympathovagal balance tilted towards sympathetic activity.***
* Conventional Cardiac Autonomic Function Test (In Response to Physiological Stressors) shows ***Normal Cardiac Autonomic function.***
* Tilt Table Test: **NEGATIVE**
* Kindly correlate clinically.