

HRV ANALYSIS

Why didn't we calculate SDANN & SDNNI:

–Because the data received is approx about 6 min, but calculation of SDANN & SDNNI requires 24hr data so that we can take 5 min data(s) out of it and process it for SDANN & SDNNI calculation.

Important Points considered during tabulation:

- Calculated Value for each parameter is the average of all the values for that specific parameter.
- Age and Gender are randomly assigned
- Taking the Age and Gender combination, parameters feedback has been generated by referring the pdf

Summary of HRV Parameters calculated from Raw IBI

Patient ID: 2022-10-31 12_41_28

Age: 32 , Gender :M

	HRV params	Normal Range	Average Value	Calculated Value	Feedback
1	SDNN	116-176	146	138.5	N
2	rMSSD	21-47	34	174.34	AN
3	pNN50	3-23	13	0.195	N
4	HR	69-83	76	87.62	AN

Patient ID: 2022-10-31 12_41_41

Age: 37 , Gender :F

	HRV params	Normal Range	Average Value	Calculated Value	Feedback
1	SDNN	99-159	129	178.75	AN

2	rMSSD	21-41	31	219.66	AN
3	pNN50	3-17	10	0.157	N
4	HR	72-86	79	73.79	N

Patient ID: 2022-10-31 12_41_54

Age: 59 , Gender :M

	HRV params	Normal Range	Average Value	Calculated Value	Feedback
1	SDNN	87-147	117	120.96	N
2	rMSSD	14-30	22	134.57	AN
3	pNN50	-1-9	4	0.098	N
4	HR	67-89	78	96.091	AN

Patient ID: 2022-10-31 12_43_58

Age: 51, Gender :M

	HRV params	Normal Range	Average Value	Calculated Value	Feedback
1	SDNN	87-147	117	193.06	AN
2	rMSSD	14-30	22	262.88	AN
3	pNN50	-1-9	4	0.21	AN
4	HR	67-89	78	73.59	N

Patient ID: 2022-10-31 12_44_04

Age: 43 , Gender :M

	HRV params	Normal Range	Average Value	Calculated Value	Feedback
1	SDNN	116-176	146	149.73	AN
2	rMSSD	21-47	34	195.57	AN
3	pNN50	3-23	13	0.131	N
4	HR	69-83	76	77.73	N

Patient ID: 2022-10-31 12_45_13

Age: 59 , Gender :F

	HRV params	Normal Range	Average Value	Calculated Value	Feedback
1	SDNN	95-155	125	199.3	AN
2	rMSSD	18-32	25	256.84	AN
3	pNN50	1-9	5	0.178	AN
4	HR	64-84	74	70.8	N

Patient ID: 2022-10-31 12_49_27

Age: 39 , Gender :F

	HRV params	Normal Range	Average Value	Calculated Value	Feedback
--	---------------	-----------------	------------------	---------------------	----------

1	SDNN	99-159	129	184.99	AN
2	rMSSD	21-41	31	239.5	AN
3	pNN50	3-17	10	0.17	N
4	HR	72-86	79	75.73	N

Patient ID: 2022-10-31 12_50_20

Age: 32 , Gender :M

	HRV params	Normal Range	Average Value	Calculated Value	Feedback
1	SDNN	116-176	146	209.94	AN
2	rMSSD	21-47	34	272.94	AN
3	pNN50	3-23	13	0.197	N
4	HR	69-83	76	70.27	N

Patient ID: 2022-10-31 12_51_07

Age: 48 , Gender :F

	HRV params	Normal Range	Average Value	Calculated Value	Feedback
1	SDNN	99-159	129	163.62	AN
2	rMSSD	21-41	31	202.98	AN
3	pNN50	3-17	10	0.149	N

4	HR	72-86	79	75.34	N
---	----	-------	----	-------	---

Patient ID: 2022-10-31 12_52_47

Age: 45 , Gender :M

	HRV params	Normal Range	Average Value	Calculated Value	Feedback
1	SDNN	116-176	146	156.18	N
2	rMSSD	21-47	34	201.82	AN
3	pNN50	3-23	13	0.129	N
4	HR	69-83	76	82.54	N