|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Patient Name** | **:** | **SUNITA MANE** | **Age/Sex** | **:** | **22 Yrs/F** |
| **Ref. By** | **:** | **Dr. MANE AMIT** | **Date** | **:** | **23-Mar-2019** |

# RENAL COLOUR DOPPLER

* **Abdominal Aorta** - Shows normal colour flow and walls. **PSV – 36.1 cm/sec.**
* **Right kidney: 9.5 x 5.4 cm, Left kidney: 10.6 x 5.7 cm.**
* Both kidneys appear normal in size, shape and echotexture. No calculus/hydronephrosis is seen on either side. There is normal intra-renal vascularity. No solid/cystic lesion noted.

|  |  |  |
| --- | --- | --- |
|  | **Peak systolic Velocity**  **(cm/sec)** | **Resistive Index**  **(RI)** |
| **Right main renal artery [at origin]** | **35.88** | **0.53** |
| **Left main renal artery [at origin]** | **43.22** | **0.46** |
| **Right main renal artery [at hilum]** | **61.52** | **0.67** |
| **Left main renal artery [at hilum]** | **29.53** | **0.61** |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Intra-renal segmental arteries** | **RIGHT KIDNEY** | | | **LEFT KIDNEY** | | |
|  | **RI** | **Acc Time (ms)** | **PSV (cm/sec)** | **RI** | **Acc Time**  **(ms)** | **PSV (cm/sec)** |
| **Upper pole** | **0.61** | **36** | **32.27** | **0.65** | **42** | **29.69** |
| **Middle pole** | **0.57** | **60** | **32.70** | **0.69** | **30** | **36.57** |
| **Lower pole** | **0.55** | **78** | **18.07** | **0.56** | **54** | **50.49** |

* **There is no evidence of obvious renal artery stenosis/narrowing on either side.**

**IMPRESSION:**

* **Normal renal doppler study**
* **No evidence of obvious renal artery stenosis/narrowing at origin or at hilum on either side.**

**Correlate clinically. (Suggest follow up, if symptoms persist)**

***(Report sent with due compliments to Dr)***

**DR. SEEMAB BANADAR**

**MD (RADIOLOGY)**

**(CONSULTANT RADIOLOGIST)**