## Data Sharing Statement

| Item | Question                                                                                                                                      | Authors’ Response (place “-” if not applicable)                                                                                                                                 |
|------|-----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1    | Would you like to share data collected for your study to others?                                                                               | Yes                                                                                                                                                                             |
| 2    | If not, would you like to share the reason for your decision?                                                                                  | -                                                                                                                                                                                |
| 3    | What data in particular will be shared?                                                                                                        | Data from the Central Venous Stenosis Index (CVSI) model were shared. We found that spectral quantification of the axillary vein was associated with central venous stenosis, which has rarely been provided in previous studies. |
| 4    | Any other documents will be shared? Such as study protocol, statistical analysis plan, informed consent form, clinical study report, analytic code. | Statistical analysis plan.                                                                                                                                                       |
| 5    | When will data availability begin?                                                                                                             | From the publication date.                                                                                                                                                       |
| 6    | When will data availability end?                                                                                                               | Two years within the publication date, since the technique or survival date may be updated over time.                                                                     |
| 7    | To whom will you share the data?                                                                                                               | Vascular surgeons, nephrologists and sonographers who are interested in the study of central venous stenosis (CVS).                                                              |
| 8    | For what type of analysis or purpose?                                                                                                          | In order to detect central vein stenosis in patients undergoing dialysis with RCAVF, quantitative indexes of axillary vein blood flow spectrum were analyzed.                          |
| 9    | How or where can the data/documents be obtained?                                                                                            | Emails could be sent to the address below to obtain the shared data: riverpicture@163.com.                                                                                      |
| 10   | Any other restrictions?                                                                                                                       | We may balance the potential benefits and risks for each request and then provide the data that could be shared.                                                              |