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Supplemental Table 1. Published Epidemiological Studies of Mesoamerican Nephropathy

Study	Location	Study Population	Male (%)	Age Range Mean Age	Creatinine Assay Measurement	eGFR Equation	eGFR <60/ml/mg/1.73m <sup>2</sup> (%)	
							Male	Female
Torres <sup>17</sup>	Leon, Nicaragua	1096	44	20-60 34	IDMS Traceable Serum Creatinine	MDRD	14.2	3.2
Peraza <sup>33</sup>	El Salvador	664	38	20-60 37	IDMS Traceable Serum Creatinine	MDRD	8.6	4.7
Laux <sup>15</sup>	Matagalpa, Nicaragua	267	45	20-60 34	Capillary Creatinine	MDRD	0	1.4
O'Donnell <sup>16</sup>	Leon, Nicaragua	771	39	>18 39	IDMS Traceable Serum Creatinine	MDRD	20.1	8.0
Orantes <sup>32</sup>	El Salvador	2388	44	>18 (15% > age 60)	Serum Creatinine (Method not reported)	MDRD	17.0	6.8
Sanoff <sup>14</sup>	Leon and Chinandega, Nicaragua	997	85	>18 39	Serum Creatinine (Method not reported)	MDRD	14.0	3.4
Raines <sup>13</sup>	Chinandega, Nicaragua	401	39	>20 33	IDMS Traceable Serum Creatinine,	CKD-EPI	41.9	9.8
Lebov <sup>12</sup>	Leon, Nicaragua	2275	42	18-70 38	IDMS Traceable Serum Creatinine	MDRD	13.8	5.8
mGallo-Ruiz <sup>27</sup>	Leon, Nicaragua	224	86	18-60 34	IDMS Traceable Serum Creatinine	CKD-EPI	12.1	0
Kupferman <sup>34</sup>	Chinandega, Nicaragua	326	100	18-60 (median; 34)	Serum Creatinine (Method not reported)	CKD-EPI	34.5	0
Gonzalez-Quiroz <sup>29</sup>	Leon and Chinandega, Nicaragua	350	75	18-30 24	IDMS Traceable Serum Creatinine	CKD-EPI	9.5	3.4
Fischer <sup>28</sup>	Chinandega, Nicaragua	586	90	18-59 (median; 28)	IDMS Traceable Serum Creatinine	MDRD	1.9*	
						CKD-EPI	1.5*	
						Cockcroft-Gault	1.5*	
Laws <sup>6</sup>	Chinandega, Nicaragua	284	88	18-63 34	IDMS Traceable Serum Creatinine	CKD-EPI	0 <sup>^</sup>	4.2
Wesseling <sup>7</sup>	Leon and Chinandega, Nicaragua	194	100	17-39	IDMS Traceable Serum Creatinine	CKD-EPI	10.3+	-

\* No male/female breakdown – combined (%)  
<sup>^</sup> Male group used as reference  
<sup>+</sup> eGFR <80/ml/mg/1.73m<sup>2</sup>

Supplemental Figure 1. Map of Nicaragua showing Department of Rivas; Location of Participant Recruitment



Adapted from a publicly available map:

[https://upload.wikimedia.org/wikipedia/commons/4/4b/Rivas\\_Department%2C\\_Nicaragua.svg](https://upload.wikimedia.org/wikipedia/commons/4/4b/Rivas_Department%2C_Nicaragua.svg)