Table S1. Local Criteria for Diagnosis of Chronic Kidney Disease (CKD)*

CKD is defined by the presence of functional or structural alteration of the kidney, with or without reduction in glomerular filtration rate, for greater than 3 months. Renal alterations are ascertained by either of the following criteria, evidenced on blood, urine, or imaging studies:	
Markers of Kidney Damage	⟩ Elevated albuminuria ⟩ Alterations in Urine Sedimentation ⟩ Electrolyte imbalance or other alterations of tubular origin ⟩ Structural histologic alterations ⟩ Structural alterations on imaging ⟩ Renal transplant
Reduced Glomerular Filtration Rate	<60mL/min/1.73m^2

*Assessed and reported by hospital physicians at the study site

Table S2. Local *Spanish language* terms* and their English Interpretations for this Analysis

Chronic kidney disease (CKD)	*Enfermedad Renal Crónica (ERC)* or *Insuficiencia Renal Crónica (IRC)*
Glomerular Filtration Rate (GFR)	*Tasa de Filtración Glomerular (TFG)*
paresthesia	*hormigos* or *sensación de fogazo*

*Reported by hospital physicians at the study site

Table S3. Characteristics of Study Population (N=586)					
	N	**No CKD n(%)** 537 (91.6%)	**CKD n(%)** 49 (8.4%)	**ALL**	**p-value**
Demographics					
Residence					
Chichigalpa	565	345 (64.7%)	34 (69.4%)	379 (65.1%)	0.512
Other		188 (35.3%)	15 (30.6%)	203 (34.9%)	
Working at the time of Symptom Onset					
No	231	75 (34.7%)	4 (26.7%)	79 (34.2%)	0.589
Yes		141 (65.3%)	11 (73.3%)	152 (65.8%)	
Works in contact with Soil					
No	586	60 (11.2%)	4 (8.2%)	64 (10.9%)	0.638
Yes		477 (88.8%)	45 (91.8%)	522 (89.1%)	
Works in contact with Water					
No	585	433 (80.8%)	37 (75.5%)	470 (80.3%)	0.374
Yes		103 (19.2%)	12 (24.5%)	115 (19.7%)	
Health History					
Has Ever Used					
Unregulated Local Alcohol (*Lija*)	565	56 (10.9%)	6 (12.2%)	62 (11%)	0.766
Traditional/Herbal Medicines	554	67 (13.2%)	3 (6.5%)	70 (12.6%)	0.249
Illicit Drugs	560	40 (7.8%)	4 (8.5%)	44 (7.9%)	0.779
Blood Group					
O	294	192 (72.5%)	21 (72.4%)	213 (72.5%)	0.854
A		52 (19.6%)	7 (24.1%)	59 (20.1%)	
B		17 (6.4%)	1 (3.5%)	18 (6.1%)	
AB		4 (1.5%)	0 (0%)	4 (1.4%)	
Rh Factor					
Rh-	293	7 (2.7%)	0 (0%)	7 (2.4%)	1.000
Rh+		257 (97.4%)	29 (100%)	286 (97.6%)	
Clinical Presentation and Management					
Normotensive (<130/90 mmHg)					
No	577	50 (9.5%)	4 (8.2%)	54 (9.4%)	1.000
Yes		478 (90.5%)	45 (91.8%)	523 (90.6%)	
Admitted to Hospital					
No	581	34 (6.4%)	3 (6.1%)	37 (6.4%)	1.000
Yes		498 (93.6%)	46 (93.9%)	544 (93.6%)	0.000
Taken Off Work					
No	581	19 (3.6%)	0 (0%)	19 (3.3%)	0.393
Yes		513 (96.4%)	49 (100%)	562 (96.7%)	0.000
Patient Self-Treated prior to Presentation					
No	423	217 (55.6%)	18 (54.6%)	235 (55.6%)	1.000
Yes		173 (44.4%)	15 (45.5%)	188 (44.4%)	
Patient Self-Treatment Type					
Fluids/Electrolytes	431	37 (9.3%)	7 (20.6%)	44 (10.2%)	0.037
Antibiotic	425	16 (4.1%)	2 (6.1%)	18 (4.2%)	0.642
Acetaminophen	427	15 (3.8%)	0 (0%)	15 (3.5%)	0.618
NSAID	427	15 (3.8%)	0 (0%)	15 (3.5%)	0.618
Ranitidine	426	2 (0.5%)	0 (0%)	2 (0.5%)	1.000
Treatment Administered in Hospital					
Fluids/Electrolytes	582	488 (91.6%)	45 (91.8%)	533 (91.6%)	1.000
Alopurinol	577	16 (3%)	5 (10.2%)	21 (3.6%)	0.026
Acetaminophen	577	30 (5.7%)	1 (2%)	31 (5.4%)	0.504
Ranitidine	577	29 (5.5%)	3 (6.1%)	32 (5.6%)	0.747
Body Mass Index (BMI)					

	N				p-value
Underweight (<18.5)	564	10 (1.9%)	0 (0%)	10 (1.8%)	0.339
Normal (18.5-24.9)		269 (51.8%)	30 (66.7%)	299 (53%)	
Overweight (25-29.9)		177 (34.1%)	11 (24.4%)	188 (33.3%)	
Obese (≥30)		63 (12.1%)	4 (8.9%)	67 (11.9%)	
Baseline Renal Function					
CrCl at Healthy Baseline (mL/min)					
≥120	498	103 (22.7%)	7 (15.6%)	110 (22.1%)	0.029
90-<120		217 (47.9%)	15 (33.3%)	232 (46.6%)	
60-<90		130 (28.7%)	23 (51.1%)	153 (30.7%)	
<60		3 (0.7%)	0 (0%)	3 (0.6%)	
eGFR (CKD-Epi) at Healthy Baseline					
≥120	514	60 (12.8%)	1 (2.2%)	61 (11.9%)	0.057
90-<120		247 (52.7%)	22 (48.9%)	269 (52.3%)	
60-<90		160 (34.1%)	22 (48.9%)	182 (35.4%)	
<60		2 (0.4%)	0 (0%)	2 (0.4%)	
eGFR (MDRD) at Healthy Baseline					
≥120	514	17 (3.6%)	1 (2.2%)	18 (3.5%)	0.334
90-<120		161 (34.3%)	12 (26.7%)	173 (33.7%)	
60-<90		283 (60.3%)	30 (66.7%)	313 (60.9%)	
<60		8 (1.7%)	2 (4.4%)	10 (2%)	

	N	Median (Range)			p-value
Symptomatic Days before Hospital Visit	506	2 (0, 95)	2 (0, 25)	2 (0, 95)	1.000
Number of Years with Current Employer	532	5.5 (0, 40)	8 (1, 36)	6 (0, 40)	0.044
Vital Signs					
Height (m)	578	1.67 (1.13, 1.91)	1.67 (1.45, 1.8)	1.67 (1.13, 1.91)	1.000
Weight (kg)	566	67.7 (45, 120)	66 (45.4, 91.8)	67.15 (45, 120)	0.483
Blood Pressure (mmHg)					
Systolic	577	110 (80, 180)	110 (80, 180)	110 (80, 180)	1.000
Diastolic	577	70 (60, 120)	70 (60, 120)	70 (60, 120)	1.000
Pulse Rate (beats per minute)	559	80 (54, 130)	80 (52, 110)	80 (52, 130)	1.000

Table S4. Supplemental Laboratory Findings - Blood Chemistry & Hematology

	N	No CKD n(%) 537 (91.6%)	CKD n(%) 49 (8.4%)	ALL	p-value
Creatinine (mg/dL)					
Normal ≤1.3 male, ≤1.1 female	586	19 (3.5%)	2 (4.1%)	21 (3.6%)	0.692
Elevated >1.3 male, >1.1 female		518 (96.5%)	47 (95.9%)	565 (96.4%)	
Lymphopenia (<21%)					
No	581	252 (47.2%)	28 (59.6%)	280 (48.2%)	0.103
Yes		282 (52.8%)	19 (40.4%)	301 (51.8%)	
Monocytosis (>6%)					
No	528	477 (98.8%)	45 (100%)	522 (98.9%)	1.000
Yes		6 (1.2%)	0 (0%)	6 (1.1%)	
Thrombocytopenia (<150,000 cells/mm^3)					
No	527	483 (99.8%)	43 (100%)	526 (99.8%)	1.000
Yes		1 (0.2%)	0 (0%)	1 (0.2%)	
Low MCV (<76 um^3)					
No	7	3 (100%)	2 (50%)	5 (71.4%)	0.429
Yes		0 (0%)	2 (50%)	2 (28.6%)	
Low MCH (<27 pg)					
No	7	2 (66.7%)	2 (50%)	4 (57.1%)	1.000
Yes		1 (33.3%)	2 (50%)	3 (42.9%)	
Low MCHC (<30 g/dL)					
No	7	2 (66.7%)	4 (100%)	6 (85.7%)	0.429
Yes		1 (33.3%)	0 (0%)	1 (14.3%)	
Malaria Test					
No parasites observed	394	361 (99.2%)	30 (100%)	391 (99.2%)	1.000
Parasitemia		3 (0.8%)	0 (0%)	3 (0.8%)	
Glucose (mg/dL)					
Normal ≤115	555	452 (88.8%)	42 (91.3%)	494 (89.0%)	0.603
High >115		57 (11.2%)	4 (8.7%)	61 (11.0%)	
Urea (mg/dL)					
Normal ≤50	211	147 (74.2%)	10 (76.9%)	157 (74.4%)	1.000
Elevated >50		51 (25.8%)	3 (23.1%)	54 (25.6%)	
C-Reactive Protein (mg/dL)					
Negative <6	212	46 (23.1%)	5 (38.5%)	51 (24.1%)	0.311
Positive ≥6		153 (76.9%)	8 (61.5%)	161 (75.9%)	
Erythrocyte Sedimentation Rate (ESR) (mm/hr)					
Normal ≤9	20	6 (35.3%)	3 (100%)	9 (45%)	0.074
High >9		11 (64.7%)	0 (0%)	11 (55%)	

	N	Median (Range)			p-value
Monocytes (%)	528	0 (0, 9)	0 (0, 6)	0 (0, 9)	n/a
Eosinophils (%)	564	0 (0, 18)	0 (0, 11)	0 (0, 18)	n/a
Platelets (count/mm^3)	527	305000 (130000, 598000)	321000 (210000, 510000)	305000 (130000, 598000)	0.215
Glucose (mg/dL)	555	89 (55, 464)	90.5 (64, 138)	9 (55, 464)	0.536
Urea (mg/dL)	211	42 (10, 102)	48 (30.1, 83)	43 (10, 102)	0.154
Calcium, Ionized (mmol/L)	564	1.17 (0.40, 1.43)	1.17 (0.98, 1.30)	1.17 (0.40, 1.43)	1.000
Magnesium (mg/dL)	536	2.0 (0.5, 4.1)	1.85 (0.8, 3.2)	1.99 (0.5, 4.1)	0.147
Potassium (mmol/L)	573	3.7 (1.3, 5.6)	3.8 (2.1, 5.5)	3.8 (1.3, 5.6)	0.429
Sodium (mmol/L)	564	138 (111, 149)	138 (125, 144)	138 (111, 149)	1.000
Creatine Phosphokinase (CPK) (u/L)	473	157 (23, 3494)	162 (20, 668)	159 (20, 3494)	0.825
BUN-Creatinine Ratio	408	9.7 (0.8, 57.9)	9.3 (3.9, 18.7)	9.6 (0.8, 57.9)	0.580
C-Reactive Protein (if positive; mg/dL)	161	12 (6, 96)	18 (6, 48)	12 (6, 96)	0.075
Erythrocyte Sedimentation Rate (ESR) (mm/hr)	20	10 (4, 36)	6 (3, 8)	9 (3, 36)	0.507

Table S5. Supplemental Laboratory Findings - Urine Analysis					
		No CKD n(%)	**CKD n(%)**	**ALL**	
	N	537 (91.6%)	49 (8.4%)		**p-value**
Protein					
None/Trace	583	301 (56.3%)	37 (77.1%)	338 (58.0%)	0.005
>Trace		234 (43.7%)	11 (22.9%)	245 (42.0%)	
Ketones					
Negative	583	499 (93.3%)	46 (95.8%)	545 (93.5%)	0.760
Positive		36 (6.7%)	2 (4.2%)	38 (6.5%)	
Urobilirubin					
Negative	583	534 (99.8%)	48 (100%)	582 (99.8%)	1.000
Positive		1 (0.2%)	0 (0%)	1 (0.2%)	
Bilirubin					
Negative	583	528 (98.7%)	48 (100%)	576 (98.8%)	1.000
Positive		7 (1.3%)	0 (0%)	7 (1.2%)	
Nitrites					
Negative	580	525 (98.7%)	48 (100%)	573 (98.8%)	1.000
Positive		7 (1.3%)	0 (0%)	7 (1.2%)	
Epithelial Cells					
None-Few	583	478 (89.4%)	44 (91.7%)	522 (89.5%)	0.807
>Few		57 (10.7%)	4 (8.3%)	61 (10.5%)	
Leukocytes are Aggregated					
No	576	404 (76.5%)	33 (68.8%)	437 (75.9%)	0.229
Yes		124 (23.5%)	15 (31.3%)	139 (24.1%)	
Erythrocytes					
≤2 per field	582	382 (71.5%)	38 (79.2%)	420 (72.2%)	0.258
>2 per field		152 (28.5%)	10 (20.8%)	162 (27.8%)	
Microalbuminuria					
<100 mg/dl	331	218 (71.0%)	22 (91.7%)	240 (72.5%)	0.031
≥100 mg/dl		89 (29.0%)	2 (8.3%)	91 (27.5%)	