**Table 1A:** Immunoflourescence, electron microscopic findings, and pathological diagnosis in 25 patients with various glomerulopathies.

A. Immunocomplex deposition-related glomerulonephritis.

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| **Pathological Diagnosis** | **Electron Microscopic Findings** | **Immunoflourescence**  **Immunoglobulin and complement** | **Sex**  **M:male**  **F:female** | **Age** | **Case #** |  |  |  |
| **Electron dense immune deposits and**  **other findings** | **Effacement of the epithelial cell foot processes** |  |  |  |
| Lupus nephritis | Subepithelial, intramembranous, subendothelial and mesangial deposits | Diffuse | Diffuse mesangial and focal capillary positivity IgG (2+) and IgM (1+).  finely granular diffuse capillary and focal mesangial positivity for C3 (2+), C1q (2+), Kappa (1+) and lambda (2+) | F | 33 | 1 |  |  |
| Consistent with IgA nephropathy | Electron dense deposits in the mesangium and Focal double contouring | Extensive patchy | Focal mesangial and capillary deposition of IgA (1+) & Lambda (1+) and focal mesangial deposition of C3 (1+) in the glomeruli. | M | 50 | 3 |  |  |
| Immune complex mediated disease with membrano-proliferative pattern of injury | Subendothelial electron dense deposits | Extensive patchy | Diffuse linear capillary positivity for IgA (1+), IgG (3+), C3 (3+), C1q (3+), kappa (2+) and lambda (2+). There is focal capillary and mesangial positivity for IgM | F | 34 | 4 |  |  |
| Lupus nephritis | Mesangial, paramesangial and subendothelial areas | Extensive patchy | IgA and IgM: moderate (3+), IgG, C1q and C3: severe (4+), Kappa and Lambda: severe (4+) diffuse mesangial and diffuse capillary positivity | F | 17 | 5 |  |  |
| IgA nephropathy | Mesangium and paramesangium | Diffuse | IgA: Mild (2+) extensive mesangial positivity | M | 67 | 8 |  |  |
| Lupus nephritis. | Subendothelial, sub epithelial, mesangial and paramesangia | Extensive diffuse | IgA, IgG and IgM: 2+diffuse mesangial positivity.  C3 and C1q: 3+ diffuse granular capillary and mesangial | F | 25 | 9 |  |  |
| Crescentic glomerulonephritis secondary to Dense Deposit Disease (C3 Glomerulopathy). | Glomerular basement membrane, mesangial and paramesangial areas and ribbons of marked electron dense deposits | Diffuse | IgA and IgG: Negative. IgM: 1+ focal mesangial and capillary positivity. C3: 2+ diffuse capillary and focal mesangial positivity. Focal vascular positivity | F | 20 | 10 |  |  |
| Membranous glomerulonephritis | Intramembranous | Diffuse | IgA and IgM: Negative. IgG: 2+ diffuse coarse granular capillary positivity.  C3 and C1q: Negative. Kappa: 2+ diffuse capillary positivity Lambda: 2+ focal capillary positivity | M | 48 | 12 |  |  |
| IgA nephropathy. | Mesangial and paramesangial areas | Extensive diffuse | IgA, IgM, C3: Moderate extensive mesangial positivity  IgG: Negative.  Kappa: Mild (2+) focal mesangial positivity.  Lambda: Moderate (3+) extensive mesangial positivity | M | 48 | 13 |  |  |
| C3 glomerulonephritis with a mesangioproliferative pattern. | Mesangial and paramesangial areas and sub-endothelial deposits with double contour formation | Focal | IgM: Moderate (3+) extensive mesangial positivity  C3: Severe (4+) extensive mesangial positivity.  IgA and IgG negative | F | 25 | 14 |  |  |
| IgM nephropathy | Mesangium and paramesangium with Microvillous degeneration | Diffuse | IgM: 2+ diffuse mesangial  IgA, IgG, C3 and C1q: Negative.  Kappa and Lambda: Negative | M | 16 | 16 |  |  |
| IgM nephropathy | Mesangial and paramesangial areas | Focal | IgA, IgG, C3 and C1q: Negative.  IgM: 2+ extensive mesangial | M | 6 | 17 |  |  |
| Membranous nephropathy | Subepithelial and intramembranous electron | Diffuse | IgA: 1+ diffuse capillary  IgG: 3+ diffuse granular capillary  IgM: 1+ focal capillary  C3: 1+ diffuse capillary and Focal arteriolar positivity  C1q: 1+ diffuse capillary  Kappa and Lambda: 2+ diffuse capillary | F | 36 | 18 |  |  |
| Lupus nephritis | Subendothelial, mesangial and paramesangial areas | Diffuse | IgA, IgG, IgM, C3 and C1q: moderate (3+) diffuse mesangial and focal capillary  Kappa and Lambda: moderate (3+) diffuse mesangial | M | 16 | 19 |  |  |
| Lupus nephritis. | Large subendothelial deposit and a few mesangium and paramesangium | Little focal | IgA and IGM: Trivial (1+) focal mesangial  IgG, C3 and C1q: Mild (2+) focal mesangial | F | 50 | 20 |  |  |
| IgM Nephropathy | Mesangial and paramesangial areas | Diffuse | IgA and IgG: Trivial (+/-) focal mesangial positivity  IgM: Moderate (3+) diffuse mesangial positivity in all glomeruli.  C3 and C1q: Negative.  Kappa and Lambda: Trivial (1+) focal mesangial positivity. | F | 2 | 21 |  |  |
| IgA nephropathy | Mesangial and paramesangial areas. | Extensive diffuse | IgA : 2+  IgG, IgM, C3 and C1q: Negative | F | 49 | 22 |  |  |
| IgA nephropathy | Mesangial and paramesangial areas. | Focal | IgA: 3+  IgG, IgM, C3 and C1q: Negative  Kappa: 1+  Lambda: 2+ | M | 46 | 23 |  |  |
| Lupus nephritis | Intramembranous and subepithelial | Diffuse | IgA and IgM: 1+ finely granular focal capillary positivity.  IgG: 3+ finely granular diffuse capillary positivity.  C3: Negative.  C1q: 1 + diffuse capillary  Kappa: 2+ diffuse capillary  Lambda: 1+ diffuse capillary | F | 30 | 24 |  |  |
| Lupus nephritis | Subendothelial, mesangial and paramesangial areas | Focal | IgA, IgG, IgM and C3: 2+ focal capillary and mesangial  Kappa and Lambda: 2+ focal capillary and mesangial | F | 23 | 25 |  |  |