Masaki Hayashida, MD
Associate Professor
Nagasaki University
Nagasaki, JAPAN

Algorithm proposal to Japanese Psychopharmacology Algorithm Project, not yet adopted.

Japanese algorithm for the treatment of acute psychotic episodes (prototype)

2003.12

```
┌────────────────────┐
│ Diagnosis of       │
│ schizophrenia      │
└────────────────────┘
          │
          ▼
    ◇ Patient            ──yes──►  ┌──────────────────────────┐
      agitated or violent ?        │ Try liquid risperidone or│
                                   │ IM/IV haloperidole       │
          │ no                     │ +/-benzodiazepine        │
          ▼                        └──────────────────────────┘
    ◇ Patient            ──yes──►  ┌──────────────────────────┐
      Complicated DM or            │ Try perospirone or       │
      hyperglycemia                │ risperidone              │
                                   │ 4-6 week                 │
          │ no                     └──────────────────────────┘
          ▼
    ┌────────────────────────┐
    │ Try olanzapine,        │
    │ quetiapine_perospirone │
    │ or risperidone         │
    └────────────────────────┘
          │
          ▼
    ◇ Non-compliance ?    ──yes──►  ┌──────────────────────────┐
                                    │ Try IM haloperidole or   │
          │ no                      │ fluphenazine decanoate   │
          ▼                         └──────────────────────────┘
    ◇ Depression or       ──yes──►  ┌──────────────────────────┐
      mood symptoms                 │ Add antidepressant or    │
                                    │ mood stabilizer          │
          │ no                      └──────────────────────────┘
          ▼
    ◇ Psychosis persists
      after adjusting dose ?
          │ yes
          ▼
    ┌──────────────────────────────┐
    │ Switch to second 4-6 week    │
    │ trial:                       │
```