Aquarium fish diagnosis expert system

Start

Are there open wounds?
- **No** → Characteristics
- **Yes** → Caused by physical impact?

Caused by physical impact?
- **Yes** → Fighting between fishes or sharp ornament
- **No** → Are there open sores with red edges?

Characteristics
- **Red streak** → Bacterial infection
- **Tiny white spot** → Ick
- **Red gills** → Fluke

Are there open sores with red edges?
- **Yes** → Visible worms with magnifying glass?
- **No** → Only on fish forehead

Visible worms with magnifying glass?
- **Yes** → Do worms have a fork like tail?
- **No** → Only on fish forehead

Do worms have a fork like tail?
- **Yes** → Anchor worm
- **No** → Fluke

Only on fish forehead
- **Yes** → Holes in head disease
- **No** → Are wounds small and round in shape?

Are wounds small and round in shape?
- **Yes** → Fish louse
- **No** → Bacterial infection