



```

graph TD
    Scan((Scan)) -- Scan Complete --> Compress((Compress))
    Compress -- Exam Available --> QC((QC))
    QC -- Reopen --> ExamComplete((Exam Complete))
    QC -- Prelim --> RTRP((RTR-P))
    RTRP -- Check CLOCK --> RTRP
    RTRP -- "Institution-Specific SLA time elapsed" --> RTRPP((RTR-P PRIORITY))
    RTRPP -- "Radiologist Opens Exam" --> INUSE((IN USE))
    INUSE -- "Radiologist Opens Exam" --> RTRF((RTR-F))
    RTRF -- "Institution-Specific SLA time elapsed" --> RTRFP((RTR-F PRIORITY))
    RTRFP -- Check CLOCK --> RTRF
    RTRFP -- "Radiologist Opens Exam" --> INUSE
    INUSE -- Mark Dictated --> Billing((Billing))
    Billing -- "Request Final" --> ExamComplete
    Billing -- "Wait for Payment" --> Amend((Amend))
    Amend -- "Request Amendment" --> Billing
    Amend -- "Re-Bill for Final" --> Billing
    Billing -- "Payment Received" --> ExamComplete
    Amend -- Amend --> ExamComplete
    ExamComplete -- Reopen --> QC
    QC -- "Tech Modify and Prepare Exam Mark Ready-to-Read" --> Scan
  
```

The flowchart illustrates the radiology workflow, starting with a **Scan** (yellow circle) which leads to **Compress** (orange circle) upon **Scan Complete**. From **Compress**, the process moves to **QC** (yellow circle) when the **Exam Available**. **QC** can **Reopen** the **Exam Complete** state (double-bordered circle) or proceed to **RTR-P** (green circle) via **Prelim**. **RTR-P** involves **Check CLOCK** and, if the **Institution-Specific SLA time elapsed**, moves to **RTR-P PRIORITY** (green circle). **RTR-P PRIORITY** leads to **IN USE** (green circle) when the **Radiologist Opens Exam**. **IN USE** can lead to **RTR-F** (green circle) or **RTR-F PRIORITY** (green circle) via **Radiologist Opens Exam**. **RTR-F PRIORITY** involves **Check CLOCK** and, if the **Institution-Specific SLA time elapsed**, moves to **RTR-F**. **RTR-F** leads to **IN USE** when the **Radiologist Opens Exam**. **IN USE** leads to **Billing** (light blue circle) when **Mark Dictated**. **Billing** can lead to **Exam Complete** via **Request Final** or **Payment Received**, or to **Amend** (green circle) via **Wait for Payment**. **Amend** can lead to **Exam Complete** via **Amend** or **Request Amendment** back to **Billing**, or to **Billing** via **Re-Bill for Final**. **Exam Complete** can **Reopen** the **QC** state.

The ImageQube offers great flexibility to the Teleradiology user.

