Hypertensive Crisis Algorithm

**Labetalol 1st Line**

- **Labetalol 20 mg IV**
  - Yes: Repeat BP 10 min
  - No: BP > Threshold?
    - Yes: Hydralazine 10 mg IV
    - No: Labetalol 40 mg IV

- **Labetalol 40 mg IV**
  - Yes: Repeat BP 10 min
  - No: BP > Threshold?
    - Yes: Hydralazine 10 mg IV
    - No: Labetalol 80 mg IV

- **Labetalol 80 mg IV**
  - Yes: Repeat BP 10 min
  - No: BP > Threshold?
    - Yes: Hydralazine 10 mg IV
    - No: Labetalol 40 mg IV

When BP < threshold, repeat BP:
- every 10 min x 1 hour
- then every 15 min x 1 hour,
- then every 30 min x 1 hour,
- then every hour for 4 hours.

Institute additional BP timing per specific order.

**Hydralazine 1st Line**

- **Hydralazine 10 mg IV**
  - Yes: Repeat BP 20 min
  - No: BP > Threshold?
    - Yes: Labetalol 20 mg IV
    - No: Hydralazine 10 mg IV

- **Labetalol 20 mg IV**
  - Yes: Repeat BP 20 min
  - No: BP > Threshold?
    - Yes: Hydralazine 10 mg IV
    - No: Labetalol 40 mg IV

When BP < threshold, repeat BP:
- every 10 min x 1 hour
- then every 15 min x 1 hour,
- then every 30 min x 1 hour,
- then every hour for 4 hours.

Institute additional BP timing per specific order.

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