Statement of Deficiencies	**(X1) Provider/Supplier/CLIA Identification Number** 45D0506530	**(X3) Date Survey Completed** 08/17/2021
Name of Provider or Supplier Hemphill County Hospital Laboratory	**Street Address, City, State** 1020 South Fourth Street, Canadian, TX	
For information on the provider's plan to correct this deficiency, please contact the provider or the state survey agency.		

(X4) ID Prefix Tag	**Summary Statement of Deficiencies**
D3025	REQUIREMENTS FOR TRANSFUSION SERVICES CFR(s): 493.1103(d) Investigation of transfusion reactions. The facility must have procedures for preventing transfusion reactions and when necessary, promptly identify, investigate, and report blood and blood product transfusion reactions to the laboratory and, as appropriate, to Federal and State authorities. This STANDARD is not met as evidenced by: Based on review of the facilities policies, review of patient blood transfusion records, and staff interview, the laboratory failed to ensure nursing staff identified potential transfusion reactions for five of six patients receiving blood transfusions as identified by its policies. The findings included: 1. A review of the laboratory's policy title Blood and Blood Products, Adverse Reaction (Effective 4/20/2018) found on page one under the heading PROCEDURE: "1. Be constantly alert for the appearance of any type of reactions, which differs from those of the patient's basic disease. Possible symptoms of transfusion complications include but are not limited to: a. Temperature elevation of 1.8 above starting temperature. b. Change in Blood Pressure(BP) of 20 mmHg in systolic or 15 mmHg diastolic... 2. Should a suspected transfusion reaction occur, stop the blood transfusion immediately and change the IV tubing. (Do Not Discard Tubing). 3. Start the 0.9% Normal Saline Slowly. 4. Take Vital Signs and record. 5. Notify the physician and the laboratory. 6. Compare labels, forms and patient identification at the patient's bedside to determine if the transfused component was intended for the recipient. 7. Return the unit of blood to the Lab along with the IV tubing and all crossmatch paperwork. 8. Send first voided specimen to the Lab along with the Transfusion Reaction Report. Obtain another urine specimen 24 hours later. 9. Document all observations and actions taken on Blood Transfusion Record and Nurse's Notes." 2. A sampling of blood transfusion records from 2019, 2020 and 2021 found the following patients whose change in blood pressure (BP) met the laboratory's criteria as a possible transfusion reaction with nursing staff failing to identify it as

such: a. Patient ID: 2157209 Date: 01/20/2019 - Unit W0910 20 110769 pre initiation of transfusion Vital signs (VS) documented at 13:25 Temp = 37.6, BP 132/70 transfusion started at 13:40 PM BP at 13:40 documented as 110/68 (Systolic change of 22) BP at 13:45 documented as 114/77 BP at 13:50 documented as 137/66 comments: "no problems" (systolic change of 23) BP at 14:05 documented as 156/55 increase to 150 cc BP at 14:20 documented as 137/71 (diastolic change of 16) BP at 14:35 documented as 121/51 (diastolic change of 20) BP at 15:05 documented as 133 /73 comments: "no problems, cont 150 ml/hr" Diastolic change of 22) BP at 15:35 documented as 139/87 BP at 16:05 documented as 144/79 BP at 16:35 documented as 118/61 (systolic change of 26 and diastolic change of 18) POST TRANSFUSION Reaction noted? "NO" Time Completed 16:35 VS 15 min post- trans 118/61 Unit W0910 19 277827 pre initiation of transfusion Vital signs documented at 16:45 Temp 36.9, BP 118/61 transfusion started at 16:50 BP documented as 177/69 Comments "started at 75 cc" (systolic change of 59) BP at 16:55 documented as 125/63 comments "no complications" (systolic change of 22) BP at 17:00 Documented as 149 /65 comments "increased to 125" (systolic change of 24) BP at 17:15 documented as 138/62 BP at 17:30 documented as 120/60 comments " increase to 150" BP at 17:45 documented as 140/63 BP at 18:15 documented as 127/69 BP at 18:45 documented as 154/72 (systolic change of 27) BP at 19:15 documented as 153/75 BP at 19:45 documented as 148/83 POST TRANSFUSION Reaction noted? no response Time completed: no response VS 15 min post - trans: no response b. Patient ID 216436 Date: 05/21 2021 I. Unit W0910 21 214514 pre initiation of transfusion vital signs not documented Transfusion started at 20:25 with BP documented as 151/79 BP at 20:30 documented as 162/79 BP at 20:35 documented as 166/90 BP at 20:50 documented as 153/85 BP at 21:05 documented as 168/83 BP at 21:20 documented as 120/66 (systolic change of 48 and diastolic change of 17) BP at 21:50 documented as 139/87 (diastolic change of 21) BP at 22:20 documented as 151/71 (diastolic change of 16) BP at 22:50 documented as 143/74 BP at 23:00 documented as 137/80 Transfusion completed II. Unit W0910 21 232212 pre initiation of transfusion vital signs documented at 23:00 - Temperature 99.68, BP 137/80 Transfusion start time not documented BP at 23:30 documented as 141/65 (diastolic change of 15) BP at 23:35 documented as 137/68 BP at 23:40 documented as 143/69 BP at 23:55 documented as 133/84 (diastolic change of 15) BP at 0:10 on 05/22/2021 documented as 122/68 (diastolic change of 16) BP at 0:25 documented as 103/55 BP at 0:55 documented as 122/59 BP at 1:45 documented as 119/65 Transfusion complete BP documented at 2: 45 as 111/52 (1 hour post transfusion) c. Patient ID 2150943 Date: 05/29/2020 Unit W091020104698 pre initiation of transfusion vital signs documented as Temp 98.6, BP 109/63 on 05/29/2020 at 14:40 BP at 14:50 documented as 116/71 BP at 14:55 documented as 116/71 BP at 15:00 documented as 104/79 BP at 15:15 documented as 109/64 (diastolic change of 15) BP at 15:30 documented as 112/70 (diastolic change of 16) BP at 15:45 documented as 119/70 BP at 16:15 documented as 107/57 BP at 16: 45 documented as 109/64 BP at 17:15 documented as 112/70 BP at 17:45 documented as 119/70 BP at 17:55 documented as 107/57 (transfusion complete) BP at 18:55 documented as 132/72 (1 hour post transfusion- systolic change of 25 and diastolic change of 15) d. Patient 2150287 2 units emergency release Date: 09/24/2020 I. Unit W091020161033 pre initiation of transfusion Blood pressure documented as 81/45 at 16:13 transfusion start time documented as 16:42 BP at 16:42 documented as 111/52 (systolic change of 30 BP at 16:49 documented as 105/52 BP at 16:59 documented as 122/50 BP at 17:04 documented as 114/50 II. Unit W091020347732 started at 17:07 BP at 17:10 documented as 118/54 BP at 17:17 documented as 68/56 (systolic change of 20) BP at 17:25 documented as 97/53 BP at 17:30 documented as 98/56 BP at 17: 35 documented as 88/59 BP at 17:40 documented as 97/53 (end of transfusion) e. Patient ID 2151210 Date 04/02/2021 I. Unit W091021184214 pre initiation of

	transfusion blood pressure documented as 107/64 at 11:10 Transfusion start time documented as 12:45 PM BP at 12:45 documented as 111/68 BP at 12:50 documented as 114/66 BP at 12:55 documented as 115/68 BP at 13:10 documented as 115/67 BP at 13:25 documented as 117/69 BP at 13:40 documented as 118/66 BP at 14:10 documented as 112/63 BP at 14:40 documented as 101/58 BP at 14:50 documented as 117/70 BP at 14:55 documented as 103/52 II. Unit W091021185205 started at 15:00 BP at 15:00 documented as 116/68 BP at 15:05 documented as 107/64 BP at 15: 20 documented as 104/62 BP at 15:35 documented as 121/40 (diastolic change of 22) BP at 15:50 documented as 106/63 (diastolic change of 23) BP at 16:20 documented as 106/63 BP at 16:50 documented as 114/63 3. The laboratory was asked to provide documentation of possible transfusion reactions being identified on the listed patients. No additional documentation was provided. 4. An interview with the assistant director of nursing on August 17, 2021 at 2:12 PM after her review of the records - confirmed the findings.