



INVOICE

Tax ID# 20-2454193
Place of Service: 81-Independent Laboratory

INVOICE DATE 14-Jun-21
SERVICE DATE 4-Jun-21
INVOICE # 31573-1

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Referring Physician: Dr. Nguyen, Steve (NPI: 1093700965)
Diagnosis Code(s): M17.12

DESCRIPTION	CODE	MODIFIER	AMOUNT
1- Lymphocyte Transformation Test - Cobalt	CPT: 86353		\$49.75
2- Lymphocyte Transformation Test - Chromium	CPT: 86353	91	\$49.75
3- Lymphocyte Transformation Test - Molybdenum	CPT: 86353	91	\$49.75
<i>The constituents of Cobalt alloy implants in orthopedics are tested, including Cobalt, Chromium, and Molybdenum, with less than 2% Nickel and Iron. These alloys are used for most bearing surfaces in hip and knee implants.</i>			
4- Lymphocyte Transformation Test - Aluminum	CPT: 86353	91	\$49.75
5- Lymphocyte Transformation Test - Vanadium	CPT: 86353	91	\$49.75
<i>The soluble constituents of Titanium alloy implants in orthopedics are tested, including Aluminum and Vanadium. These alloys are typically used for parts of hip and knee implants that come into contact with bone, such as hip stems, the backing of acetabular cups etc. Note: Titanium as a metal will not stay in solution, so it can only be tested in particulate form.</i>			
6- Lymphocyte Transformation Test - Nickel	CPT: 86353	91	\$49.75
<i>Nickel is a trace metal in Cobalt-alloy implants and is also found in stainless steel alloy implants used in orthopedic spine surgery.</i>			
7- Lymphocyte Transformation Test - Iron	CPT: 86353	91	\$49.75
<i>Iron is the central metal in stainless steel implants and is included in some Cobalt-alloy metals. These metals are mostly used in spine surgery and as cables to repair broken bones during total joint replacement surgery.</i>			
8- Lymphocyte Transformation Test - Zirconium	CPT: 86353	91	\$49.75
<i>Zirconium is the major constituent of Zr-alloy orthopedic implants which are used for wear resistance in bearing surfaces, such as the articulating surfaces in some hip and knee implants.</i>			
SUBTOTAL			\$398.00
Discounted price			\$ 285.50
TOTAL PAID			\$ 285.50
TOTAL DUE			\$0.00

Make all checks payable to Orthopedic Analysis, LLC

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