

Patient case 1



Maria Grigoryevna

54 years old

Metabolic syndrome

Findings and diagnostic tests



At the doctor's office

- Height 165 cm • Weight 112 kg
- Waist circumference 110 cm • Blood pressure 145/100 mmHg



Diagnosis

- Grade 1 hypertension • Grade 1 obesity • Dyslipidemia



Symptoms

- Right flank pain • Headache • Fatigue



Blood chemistry

- Alanine aminotransferase 26 U/L
- Aspartate aminotransferase 30 U/L



Liver ultrasound

- Diffusely hyperechogenic • Liver parenchymal echotexture
- Increased vascularity

Would you perform an ultrasound of the liver to exclude NAFLD?

NO

A liver ultrasound cannot be offered to all patients owing to limited resources

NO

A liver ultrasound is only recommended if a patient's transaminase levels are elevated

YES

A liver ultrasound must be performed to rule out non-alcoholic fatty liver disease in this patient



Findings on ultrasound



At the doctor's office

- Height 165 cm • Weight 112 kg
- Waist circumference 110 cm • Blood pressure 145/100 mmHg



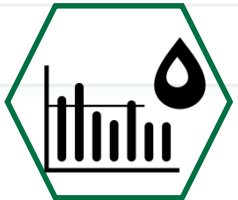
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Symptoms

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Blood chemistry

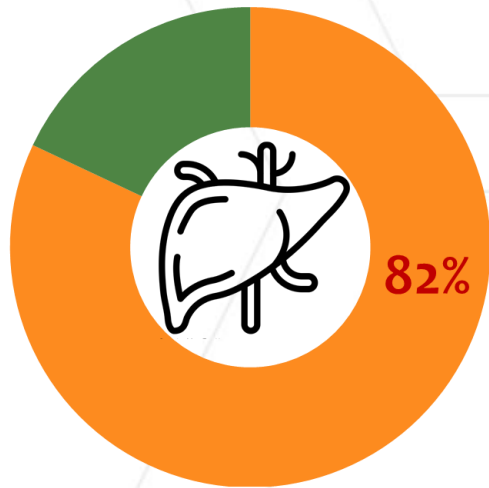
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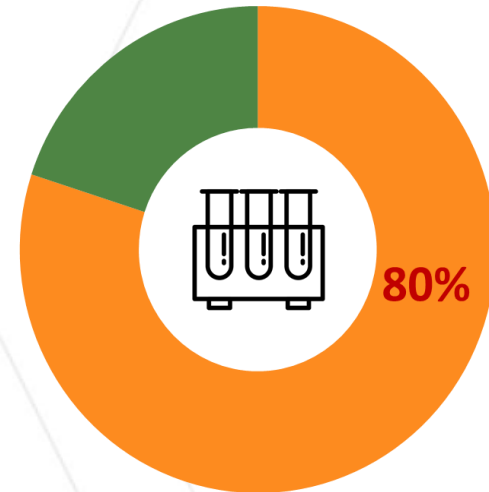
Liver ultrasound

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- Increased vascularity

Many patients have normal liver enzymes; therefore, liver US is required to diagnose NAFLD



82% OF PATIENTS WITH
METABOLIC SYNDROME
HAVE **NAFLD**¹



80% OF PATIENTS WITH
NAFLD MAY HAVE
NORMAL LIVER ENZYMES²

Would you consider treating these patients with essential phospholipids?



NO

Essential phospholipids should only be regarded as an add-on option to standard treatment

YES

Let us guide you through the clinical efficacy data for essential phospholipids

Essentiale[®] forte N significantly improves liver US findings in patients with NAFLD¹



• ALT/AST



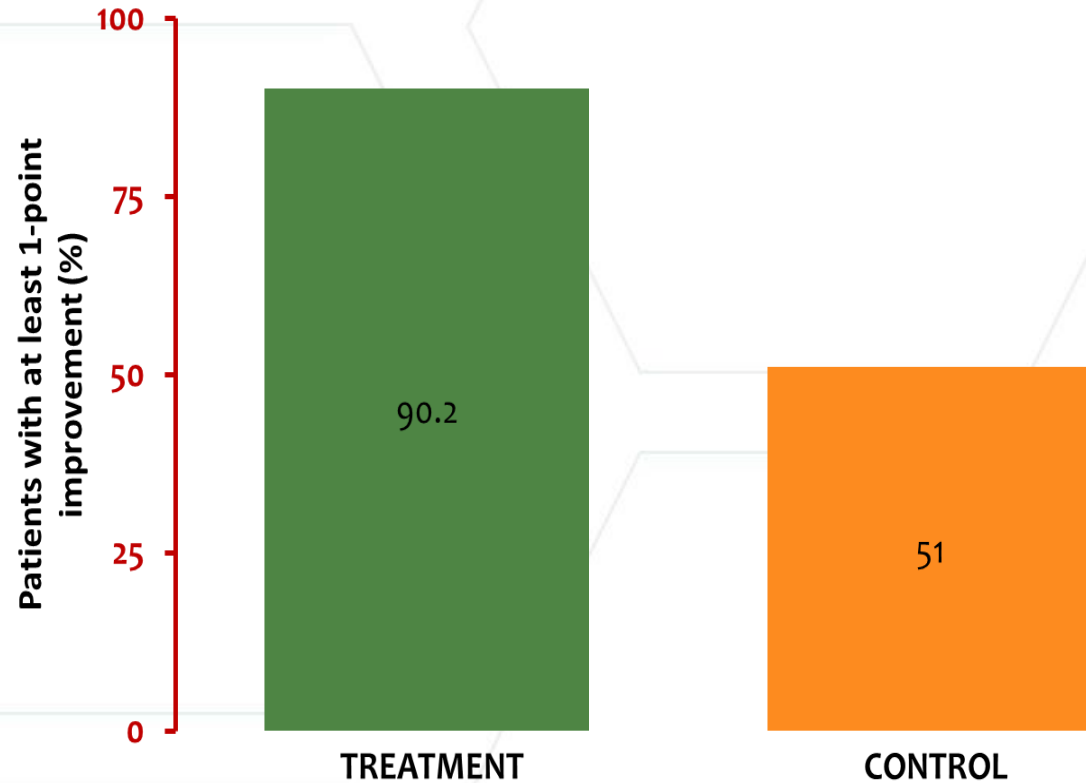
• LIVER ULTRASOUND



• LIPID PROFILE



• HISTOLOGY



Essentiale® forte N significantly improves the lipid profile in patients with NAFLD¹



• ALT/AST



• LIVER ULTRASOUND



• LIPID PROFILE



• HISTOLOGY

