

Individualize Your Program ITP

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Objectives

- Identify key components and requirements for Individualized Treatment Plans (ITPs) as related to AACVPR Program Certification
- Identify and create strategies to develop an efficient ITP
- Review common factors of errors on an ITP through example and team reviews

Disclosures

- No Disclosures

Individualized Treatment Plan

Individual Treatment Plan (ITP)

The Centers for Medicare & Medicaid Services (CMS) 42 CFR 410.49 and 410.47- Cardiac rehabilitation and intensive cardiac rehabilitation programs and pulmonary rehabilitation programs

Conditions of coverage states: *Components of a cardiac rehabilitation and intensive cardiac rehabilitation programs and pulmonary rehabilitation programs must include all of the following:*

- (i)** Physician-prescribed exercise each day cardiac rehabilitation items and services are furnished.
- (ii)** Cardiac risk factor modification, including education, counseling, and behavioral intervention, tailored to the patients' individual needs.
- (iii)** Psychosocial assessment.
- (iv)** Outcomes assessment.
- (v)** An individualized treatment plan detailing how components are utilized for each patient. The individualized treatment plan must be established, reviewed, and signed by a physician every 30 days.

ITP Requirements

- The Individualized Treatment Plan (ITP) is a summary of the planned care of the patient from initial assessment to discharge from the Pulmonary or Cardiac Rehabilitation program.
 - Comprehensive document including all required information
 - Initial written individualized exercise prescription
 - **Physician signature every 30 days**
 - Initial assessment, at least one reassessment, discharge and one active additional core component/risk factor
 - Pulmonary exercise prescription to include oxygen SpO2 and flow rate

ITP Requirements



- For the purposes of AACVPR Program Certification, an ITP must be developed and completed for each patient in the Cardiac or Pulmonary Rehabilitation program and must include all of the following CLEARLY LABELED elements and steps:

REQUIRED ELEMENTS:

- Exercise***
- Nutrition
- Psychosocial
- Other Core Components/Risk Factors as required for individual patient
- PULM only: Oxygen (actual patient must be on oxygen)*

REQUIRED STEPS:

- Assessment
- Plan: Goals/Intervention/Education
- Reassessment**
- Discharge/Follow-up

**Step must include oxygen use/titration for pulmonary rehab*

*** For reassessment, include comments on progress to goal (comments such as "Ongoing", "Met", or "in Progress" require a more detailed explanation)*

**** Pulmonary program must include SpO2 and flow rate*

Cardiac ITP Requirements

- **Exercise Assessment**
- **Exercise Plan**
 - Goals
 - Interventions
 - **Initial Exercise Prescription**
including Mode, Frequency, Duration, Intensity
 - Education
- **Exercise Reassessment**
- **Exercise Discharge/Follow-Up**
- **Nutrition Assessment**
- **Nutrition Plan**
 - Goals
 - Interventions
 - Education
- **Nutrition Reassessment**
- **Nutrition Discharge/Follow-up**
- **Psychosocial Assessment**
- **Psychosocial Plan**
 - Goals
 - Interventions
 - Education
- **Psychosocial Reassessment**
- **Psychosocial Discharge/Follow-Up**
- **Other Core Components/Risk Factors as appropriate**
- **Other Core Components Assessment**
- **Other Core Components Plan**
 - Goals
 - Interventions
 - Education
- **Other Core Components Reassessment**
- **Other Core Components Discharge/Follow-up**

Pulmonary ITP Requirements

- Oxygen Assessment
- Oxygen use & titration Plan
 - Goals
 - *Interventions
 - Education
- Oxygen Reassessment
- Oxygen Discharge/Follow-up
- Exercise Assessment
- Exercise Plan
 - Goals
 - Interventions
 - *Exercise Prescription including Mode, Frequency, Duration, Intensity, SpO2/flow rate*
 - Education
- Exercise Reassessment
- Exercise Discharge/Follow-Up
- Nutrition Assessment
- Nutrition Plan
 - Goals
 - Interventions
 - Education
- Nutrition Reassessment
- Nutrition Discharge/Follow-Up

- Psychosocial Assessment
- Psychosocial Plan
 - Goals
 - Interventions
 - Education
- Psychosocial Reassessment
- Psychosocial Discharge/Follow-Up
- Other Core Components/Risk Factors as appropriate (Tobacco cessation, Environmental factors, Medications in particular inhaler medications, and Prevention or Management of Exacerbations, etc)
- Other Core Components Assessment
- Other Core Components Plan
 - Goals
 - Interventions
 - Education
- Other Core Components Reassessment
- Other Core Components Discharge/Follow-up

*changes in flow rate need to be included

2023 Application Highlights ITP

- **Education cannot be a header and needs to be included in each element**
- Physician signature and date
 - At least every 30 days
 - Initial assessment
 - Reassessment
 - Discharge
- Must have reassessment data and details about progress toward goal
 - Check boxes such as “On-going, In-Progress and MET” without any detail will be denied

2023 Application Highlights ITP

- Must include at least one “**ACTIVE**” core component
 - HTN, DM, Weight Management, Tobacco Abuse assessed as one element (Example: If Diabetes is assessed in Nutrition, Diabetes can't be used as an Other Core Component)
 - Pulmonary specific core components (these are not the same as Cardiac)
- For Pulmonary Rehab, ITP submitted must be for a patient currently using oxygen
- Identify the patient's first day of exercise and MD signature dates in the application system. MD signatures with dates should also be easy to find in ITP document.
- The completed ITP including ALL assessments must be from January 1, 2022 – December 31, 2022.
- **HIPAA violations will lead to an automatic denial of the page**

HIPAA VIOLATIONS

- Name
- Date of birth
- Telephone numbers
- Fax numbers
- Electronic email addresses
- Social Security number
- Medical record number
- Health plan beneficiary numbers
- Account numbers
- Certificate and license numbers
- Vehicle identifiers, serial numbers including license plate numbers
- Medical device identifiers including serial numbers
- Internet universal resource locators (URLs)
- Internet protocol (IP) addresses
- Biometric identifiers including fingerprints and voice prints
- Full face photographic images
- Any other unique identifying number, characteristics or code
- All geographic subdivisions smaller than a state, including county, city, street address, precinct, zip code

Cardiac Denial Reasons

THE FOLLOWING WILL RESULT IN AUTOMATIC DENIAL OF THIS PAGE:

- Failure to submit a completed ITP with physician signature and dates from an actual patient who completed your program.
- Subsequent *physician* signature(s) and date(s) on the submitted ITP did not occur at least every 30 days after a preceding signature and date.
- No assessment or reassessment data provided - i.e. check boxes only indicating done but no data given.
- Submitted ITP does not have initial assessment/plan at least one reassessment and discharge for exercise element.
- Submitted ITP does not have initial assessment/plan at least one reassessment and discharge for psychosocial element.
- Submitted ITP does not have initial assessment/plan at least one reassessment and discharge for nutrition element.
- Submitted ITP does not have initial assessment/plan at least one reassessment and discharge for other core components element.
- Submitted active additional core component/risk factor is not specific to CR (Clarified for 2023).
- Submitted active additional core component/risk factor was addressed elsewhere on the ITP.
- Required elements of the submitted ITP are not clearly labeled.
- Reassessment/discharge does not include comments on a progress to goal or simply stated comments such as ongoing, met or in progress.
- Personal Health Information (PHI) is present/visible on the uploaded documents (HIPAA violation).
- Missing required components of the exercise prescription.
- Education is listed as a header instead of within the required step(s) of each elements.

Pulmonary Denial Reasons

THE FOLLOWING WILL RESULT IN AUTOMATIC DENIAL OF THIS PAGE:

- Failure to submit a completed ITP with physician signature and dates from an actual patient who completed your program.
- Subsequent physician signature(s) and date(s) on the submitted ITP did not occur at least every 30 days after a preceding signature and date.
- No assessment or reassessment data provided - i.e. check boxes only indicating done but no data given.
- Submitted ITP does not have initial assessment/plan at least one reassessment and discharge for exercise element.
- Submitted ITP does not have initial assessment/plan at least one reassessment and discharge for psychosocial element.
- Submitted ITP does not have initial assessment/plan at least one reassessment and discharge for oxygen element.
- Submitted ITP does not have initial assessment/plan at least one reassessment and discharge for nutrition element.
- Submitted ITP does not have initial assessment/plan at least one reassessment and discharge for other core components element.
- **Submitted active additional core component/risk factor is not specific to PR (Clarified for 2023).**
- Submitted active additional core component/risk factor was addressed elsewhere on the ITP.
- Required elements of the submitted ITP are not clearly labeled.
- Reassessment/discharge does not include comments on a progress to goal or simply stated comments such as ongoing, met or in progress.
- Personal Health Information (PHI) is present/visible on the uploaded documents (HIPAA violation).
- Missing required components of the exercise prescription.
- Education is listed as a header instead of within the required step(s) of each elements.
- Does not include Oxygen Flow Rate and SPO2 parameters as part of the Exercise Prescription.

Individual Treatment Plan (ITP)

- Please note that AACVPR does not endorse any ITP or ITP format published by telemetry or electronic medical record companies
- Your ITP needs to tell the patient's rehab story from initial assessment to discharge from the program. Details are important!

OXYGEN PLAN	OXYGEN PLAN	OXYGEN PLAN	OXYGEN PLAN
Initial Assessment	Re- Assessment	Re- Assessment	Follow Up / Discharge
Stages of Change: <input type="checkbox"/> Pre Contemplation <input type="checkbox"/> Contemplation <input type="checkbox"/> Preparation <input type="checkbox"/> Action <input checked="" type="checkbox"/> Maintenance <input type="checkbox"/> Relapse	Stages of Change: <input type="checkbox"/> Pre Contemplation <input type="checkbox"/> Contemplation <input type="checkbox"/> Preparation <input type="checkbox"/> Action <input checked="" type="checkbox"/> Maintenance <input type="checkbox"/> Relapse	Stages of Change: <input type="checkbox"/> Pre Contemplation <input type="checkbox"/> Contemplation <input type="checkbox"/> Preparation <input checked="" type="checkbox"/> Action <input type="checkbox"/> Maintenance <input type="checkbox"/> Relapse	Stages of Change: <input type="checkbox"/> Pre Contemplation <input type="checkbox"/> Contemplation <input type="checkbox"/> Preparation <input checked="" type="checkbox"/> Action <input type="checkbox"/> Maintenance <input type="checkbox"/> Relapse
Oxygen Use	Oxygen Use	Oxygen Use	Oxygen Use
O2: <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/C <input type="checkbox"/> O2ymask <input type="checkbox"/> O2ymizer Flow: <input type="checkbox"/> continuous <input type="checkbox"/> intermit/pulse System: <input type="checkbox"/> E-Cylinder <input type="checkbox"/> Liq O2 <input type="checkbox"/> POC <input type="checkbox"/> SC Rest <input type="checkbox"/> O2: LPM <u>0</u> SpO2 <u>96%</u> Exercise <input type="checkbox"/> O2: LPM <u>0</u> SpO2 <u>91%</u> Sleep <input type="checkbox"/> O2: LPM <u>0</u> SpO2 <u>unknown</u> RPD w/exercise: <u>2</u>	O2: <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/C <input type="checkbox"/> O2ymask <input type="checkbox"/> O2ymizer Flow: <input type="checkbox"/> continuous <input type="checkbox"/> intermit/pulse System: <input type="checkbox"/> E-Cylinder <input type="checkbox"/> Liq O2 <input type="checkbox"/> POC <input type="checkbox"/> SC Rest <input type="checkbox"/> O2: LPM <u>0</u> SpO2 <u>99%</u> Exercise <input type="checkbox"/> O2: LPM <u>0</u> SpO2 <u>92%</u> Sleep <input type="checkbox"/> O2: LPM <u>0</u> RPD w/exercise: <u>3</u>	O2: <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> N/C <input type="checkbox"/> O2ymask <input type="checkbox"/> O2ymizer Flow: <input checked="" type="checkbox"/> continuous <input type="checkbox"/> intermit/pulse System: <input checked="" type="checkbox"/> E-Cylinder <input type="checkbox"/> Liq O2 <input type="checkbox"/> POC <input type="checkbox"/> SC Rest <input type="checkbox"/> O2: LPM <u>0</u> SpO2 <u>97%</u> Exercise <input checked="" type="checkbox"/> O2: LPM <u>2L</u> SpO2 <u>82%</u> Sleep <input type="checkbox"/> O2: LPM <u>0</u> RPD w/exercise: <u>4</u>	O2: <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> N/C <input type="checkbox"/> O2ymask <input type="checkbox"/> O2ymizer Flow: <input checked="" type="checkbox"/> continuous <input type="checkbox"/> intermit/pulse System: <input checked="" type="checkbox"/> E-Cylinder <input type="checkbox"/> Liq O2 <input type="checkbox"/> POC <input type="checkbox"/> SC Rest <input type="checkbox"/> O2: LPM <u>2</u> SpO2 <u>100%</u> Exercise <input checked="" type="checkbox"/> O2: LPM <u>3</u> SpO2 <u>86%</u> Sleep <input checked="" type="checkbox"/> O2: LPM <u>2</u> RPD w/exercise: <u>4</u>
Intervention	Intervention	Intervention	Intervention
<input checked="" type="checkbox"/> Place oximeter to pt's finger or earlobe to monitor saturations with exercise <input type="checkbox"/> Adjust/titrate O2 levels to maintain saturations \geq 88% <u>N/A</u> <input checked="" type="checkbox"/> For SpO2 < 88% <u>coach</u> PLB exercises, <u>use</u> rescue inhaler, consider alternate O2 delivery systems	<input checked="" type="checkbox"/> Use methods to improve SpO2 readings (wash hands in warm water, wear gloves or scarf) <input checked="" type="checkbox"/> Provide spacer, N/C, o2ymask, and/or o2ymizer for pts to use with exercise	<input checked="" type="checkbox"/> Provide Pulmonary Education Classes monthly <u>Patient is now using oxygen at home only when active. He does not use it when he is sedentary/inactive. (LR)</u>	<input checked="" type="checkbox"/> Oxygen/Medication adherence
Education	Education	Education	Education
<input checked="" type="checkbox"/> A Guide for People with Chronic Lung Disease/ Understanding Interstitial Lung Disease <input type="checkbox"/> Oxygen Ch 2 (pp34) <input type="checkbox"/> Oxygen Concentrator Ch 2 (pp37) <u>Patient does not use oxygen. (LR)</u>	<input type="checkbox"/> Oxygen Do's and Don'ts - handout <u>Patient does not use oxygen. (LR)</u>	<input checked="" type="checkbox"/> Traveling with oxygen Ch 2 (pp 35) <input checked="" type="checkbox"/> Short Trips/Longer Trips Ch 2 (pp 35) <input checked="" type="checkbox"/> Tips for setting up O2 for a trip Ch 2 (pp 36) <input checked="" type="checkbox"/> Med/Oxygen Class Attended: <u>7-9-19</u>	Education completed and goals reached <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Target Goal	Target Goal	Target Goal	Target Goal
Pt is compliant with O2 use Pt is knowledgeable of O2 equip and safety Mastery of pursed lip breathing	Pt is compliant with O2 at home and with exercise SpO2 \geq 88% during exercise	Reduction of SOB Become more active and exercise longer SpO2 \geq 88% during exercise	RPD level \leq 5 with exercise SpO2 \geq 88% during exercise

Exercise Date: 7/24/19
Initial Assessment
 6MWT Other:
 Max HR 128 Max BP 178/86
 Ft Walked 710 MET 2.0 O2 3
 RPE/RPD 4/4 SpO2 91 MP-1.3
 Orthopedic issues N/A

Exercise Date: 8/20/19
Re-Assessment
 Exercise Plan

Exercise Date: 9/17/19
Re-Assessment
 Exercise Plan

Exercise Date: 10/17/19
Follow-up/Discharge
 6MWT Other:
 Max HR 132 Max BP 142/82
 Ft Walked 888 MET 2.3 O2 3
 RPE/RPD 3/4 SpO2 92 MPH 1.7

Exercise Prescription THR 103-126

Mode	Intensity	Duration	Frequency
TM	1.0 mph	8 min	x3
NursRep	3(35F)	10 min	x3

Exercise Prescription THR 103-126

Mode	Intensity	Duration	Frequency
TM	1.7/1.0 W	13	x3
NursRep	4(35F)	15	x3

Exercise Prescription THR 103-126

Mode	Intensity	Duration	Frequency
TM	1.7/3.1	17	x3
NursRep	3(35F)	19	x3

Exercise Prescription THR 103-126

Mode	Intensity	Duration	Frequency
TM	1.8 @ 3.1	18	x3
NursRep	1(35F)	20	x3

Progression ↑ 1-2 min +10r
 Intensity as tolerated by pt.
 Oxygen
 MMRC Score 4
 Exercise O2 Use N 3-5 LPM
 Titrate O2 ___ maintain above 88%

Progression ↑ 1-2 min +10r
 Intensity as tol. & RPE ≤ 3
 Oxygen
 MMRC Score 3
 Exercise O2 Use N 3 LPM
 Titrate O2 ___ maintain above 88%

Progression ↑ 1-2 min +10r
 Intensity as tol. & RPE ≤ 3
 Oxygen
 MMRC Score 3
 Exercise O2 Use N 3 LPM
 Titrate O2 ___ maintain above 88%

Progression ↑ 1-2 min +10r
 Intensity as tol. & RPE ≤ 3
 Oxygen
 MMRC Score 3
 Exercise O2 Use N 3 LPM
 Titrate O2 ___ maintain above 88%

Resistance Training N
 Mode SITS Wt # ___ Reps x7
 Mode WTS Wt # 5 Reps x5
 MET Goal: 3.0 MET Achieved: 2.0
 Patient Exercise Goal: Improve
 endurance

Resistance Training N
 Mode SITS Wt # 5 Reps 13x
 Mode WTS Wt # 8 Reps 11x
 MET Goal: 3.0 MET Achieved: 2.0
 Patient Exercise Goal: Pt has been
 able to ↑ speed + elevation
 on treadmill. Pt able to exercise
 on 3L

Resistance Training N
 Mode SITS Wt # 8 Reps 14x
 Mode WTS Wt # 8 Reps 12x
 MET Goal: 3.0 MET Achieved: 3.0
 Patient Exercise Goal: Pt feeling
 stronger. Continue to work
 on endurance. Pt able to
 exercise on 3L

Resistance Training N
 Mode SITS Wt # 8 Reps 16
 Mode WTS Wt # 10 Reps x8
 MET Goal: 3.0 MET Achieved: 3.1
 Patient Exercise Goal: Pt continues
 to feel stronger. Silver
 sneakers to continue exercise.
 Pt able to exercise on 3L

Currently Exercising at Home N

Mode	Intensity	Duration	Frequency

Home Exercise N

Mode	Intensity	Duration	Frequency

Home Exercise N

Mode	Intensity	Duration	Frequency

Discharge Exercise:

Mode	Intensity	Duration	Frequency
TM	1.8 @ 4.1	20	x3
NursRep	1(35F)	25	x3
SITS	8/11/24		

Education
 PLB RPE Scale
 Diap Breathing Dyspnea Scale
 S/S to report Wm-up/cl-dn
 Equip Orient Stretching
 O2 & Exer Exer Safety

Education
 PLB RPE Scale
 Diap Breathing Dyspnea Scale
 S/S to report Wm-up/cl-dn
 Equip Orient Stretching
 O2 therapy Exer Safety

Education
 PLB RPE Scale
 Diap Breathing Dyspnea Scale
 S/S to report Wm-up/cl-dn
 Equip Orient Stretching
 O2 therapy Exer Safety

Education
 Exercise Education goals met: N

Target Goal:
 Individual exercise Rx
 Activity 40+ min 3-5 days/week
 SpO2 > 88% during exercise

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 Individual exercise Rx
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Exercise Assessment
 Oxygen Assessment

Exercise Plan

Oxygen Use & Titration Plan

Oxygen Use & Titration Plan

Oxygen Discharge/
Follow-up

Exercise Discharge F/U

Oxygen Discharge/
Follow-up

Exercise Discharge F/U

(Check all that apply) **PSYCHOSOCIAL** Date: 1-16-20

Initial Assessment

Psychosocial Test:

Tool used: **PHQ-9:** Score: 20 *notified physician on 20 Feb in follow up to take Gyn other HxDS*

Stages of change: pre-contemplation relapse
 contemplate prep act maint

Intervention

Psych Consult Physician referral

Psychotropic medications:

Clonazepam

Stress management class
 Uses stress management skills

Education:

Coping techniques S/S depression
 Relaxation techniques

Target goal:

Learn to cope with stress and anxiety

Preventative medication:

Aspirin Clopidogrel
 Beta blockade ACE inhibitor
 Statin or other lipid lowering agent

Fall risk assessed: Yes No

Assistive device: Cane Walker
 Wheel chair Gait belt

none

(Check all that apply) **PSYCHOSOCIAL** Date: 2-10-20

Re-Assessment

Re-assess PHQ-9 Score:

Stages of change: pre-contemplation
 contemplate prep act maint relapse

Intervention

Psych Consult Physician referral
 Med change

Stress management class
 Uses stress management skills

Education:

Coping techniques S/S depression
 Relaxation techniques

Target goal: No progress
 Appropriate progress

Preventative medication:

Aspirin Clopidogrel
 Beta blockade ACE inhibitor
 Statin or other lipid lowering agent

(Check all that apply) **PSYCHOSOCIAL** Date:

Re-Assessment

Stages of change: pre-contemplation
 contemplate prep act maint relapse

Intervention

Psych Consult Physician referral
 Med change

Stress management class
 Uses stress management skills

Education:

Coping techniques S/S depression
 Relaxation techniques

Target goal: No progress
 Appropriate progress

Preventative medication:

Aspirin Clopidogrel
 Beta blockade ACE inhibitor
 Statin or other lipid lowering agent

(Check all that apply) **PSYCHOSOCIAL** Date: 2/21/20

Follow-up/Discharge

Psychosocial Test:

Tool used: **PHQ-9:** Score: 5

Stages of change: pre-contemplation
 contemplate prep act maint relapse

Intervention

Psych Consult Physician referral
 Med change

Stress management class
 Uses stress management skills

Education:

Education goals met

Target goal: No progress
 Appropriate progress
 Goal achieved

Preventative medication:

Aspirin Clopidogrel
 Beta blockade ACE inhibitor
 Statin or other lipid lowering agent

Individualize Your ITP

- Everything you need to know for exceptional care
- Concise document
- Progress of the patient to goals
- Outline the effectiveness of rehab
- Tell the patient's story

ITP Review

- Review ITP (a) with your group
 - What stands out?
 - Potential Issues?
 - Positive Highlights?
 - Recommendations to Improve?

Review Findings

ITP Review

- Review ITP (b) with your group
 - What stands out?
 - Potential Issues?
 - Positive Highlights?
 - Recommendations to Improve?

Review Findings

Individualize Your ITP

- Tell the patient's story
- Simplify when able
 - Standard items
- Add details to make it relevant to the patient
- Frequent additions create ease of reviews



Thank you!

