

# Appendix A

## Modifiers

This list includes all of the modifiers applicable to CPT 2013 codes.

A modifier provides the means to report or indicate that a service or procedure that has been performed has been altered by some specific circumstance but not changed in its definition or code. Modifiers also enable health care professionals to effectively respond to payment policy requirements established by other entities.

- 22 **Increased Procedural Services:** When the work required to provide a service is substantially greater than typically required, it may be identified by adding modifier 22 to the usual procedure code. Documentation must support the substantial additional work and the reason for the additional work (ie, increased intensity, time, technical difficulty of procedure, severity of patient's condition, physical and mental effort required). **Note:** This modifier should not be appended to an E/M service.

Q **CPT Addendum Feb 2012, Mar 2012, Apr 2012; CPT Changes: As Author's View 2012**

- 23 **Unusual Anesthesia:** Occasionally, a procedure, which usually requires either no anesthesia or local anesthesia, because of unusual circumstances must be done under general anesthesia. This circumstance may be reported by adding modifier 23 to the procedure code of the basic service.

- 24 **► Unrelated Evaluation and Management Service by the Same Physician or Other Qualified Health Care Professional During a Postoperative Period:** The physician or other qualified health care professional may need to indicate that an evaluation and management service was performed during a postoperative period for a reason (s) unrelated to the original procedure. This circumstance may be reported by adding modifier 24 to the appropriate level of E/M service.<sup>4</sup>

Q **CPT Changes: As Author's View 2012**

- 25 **► Significant, Separately Identifiable Evaluation and Management Service by the Same Physician or Other Qualified Health Care Professional on the Same Day of the Procedure or Other Service:** It may be necessary to indicate that on the day a procedure or service identified by a CPT code was performed, the patient's condition required a significant, separately identifiable E/M service above and beyond the other service provided or beyond the usual preoperative and postoperative care associated with the procedure that was performed. A significant, separately identifiable E/M service is defined or substantiated by documentation that satisfies the relevant criteria for the respective E/M service to be reported (see *Evaluation and Management Services Guidelines* for instructions on determining level of E/M service). The E/M service may be prompted by the symptom or condition for which the procedure and/or service was provided. As such, different

diagnoses are not required for reporting of the E/M service on the same date. This circumstance may be reported by adding modifier 25 to the appropriate level of E/M service.

**Note:** This modifier is not used to report an E/M service that resulted in a decision to perform surgery. See modifier 57. For significant, separately identifiable non-E/M services, see modifier 59. <sup>4</sup>

Q **CPT Addendum Feb 2012, Mar 2012, Apr 2012; CPT Changes: As Author's View 2012**

- 26 **► Professional Component:** Certain procedures are a combination of a physician or other qualified health care professional component and a technical component. When the physician or other qualified health care professional component is reported separately, the service may be identified by adding modifier 26 to the usual procedure number.<sup>4</sup>

Q **CPT Addendum Jan 2012, Apr 2012, May 2012; CPT Changes: As Author's View 2012**

- 32 **Mandated Services:** Services related to mandated consultation and/or related services (eg, third party payer, governmental, legislative or regulatory requirement) may be identified by adding modifier 32 to the basic procedure.

- 33 **Preventive Services:** When the primary purpose of the service is the delivery of an evidence-based service in accordance with a US Preventive Services Task Force A or B rating in effect and other preventive services identified in preventive services mandates (legislative or regulatory), the service may be identified by adding 33 to the procedure.

For separately reported services originally identified as preventive, this modifier should not be used.

Q **CPT Changes: As Author's View 2012**

- 47 **Anesthesia by Surgeon:** Regional or general anesthesia provided by the surgeon may be reported by adding modifier 47 to the basic service. (This does not include local anesthesia.) **Note:** Modifier 47 would not be used as a modifier for the anesthesia procedure.

- 50 **Bilateral Procedure:** Unless otherwise identified in the listings, bilateral procedures that are performed at the same session, should be identified by adding modifier 50 to the appropriate 5 digit code.

Q **CPT Addendum Apr 2012; CPT Changes: As Author's View 2012**

- 51 **► Multiple Procedures:** When multiple procedures, other than E/M services, Physical Medicine and Rehabilitation services or provision of supplies (eg, vaccines), are performed at the same session by the same individual, the primary procedure or service may be reported as listed. The additional procedure(s) or service(s) may be identified by appending modifier 51 to the additional procedure or service code(s). **Note:** This modifier should not be appended to designated "add-on" codes (see *Appendix D*).<sup>4</sup>

Q **CPT Addendum Feb 2012, Mar 2012, Apr 2012; CPT Changes: As Author's View 2012**

- 52 **► Reduced Services:** Under certain circumstances a service or procedure is partially reduced or eliminated at the

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web dalam pembuatan prototype ini menggunakan alternatif lain untuk menggantikan peran plc dalam mengendalikan proses elevator atau lift yang bekerja yaitu menggunakan mikrokontroler arduino unoprototype elevator atau lift ini berpedoman pada lift sebenarnya yang terdiri dari sensor di setiap lantai yang digunakan sebagai gerakan

**perancangan dan pembuatan sistem kendali miniatur lift 3 lantai** - May 21 2022

web sistem perancangan lift tiga lantai berdasarkan seleksi barang secara otomatis menggunakan programmable logic controller plc tugas akhir kendali posisi menggunakan fuzzy logic berbasis programmable logic controller perancangan smart home berbasis

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web sistem kontrol ruang lift menggunakan plc programmable logic control dengan input pemanggil ruang lift berupa push button dan sistem pemberhentian ruang menggunakan sensor proximity yang dipasang tiap lantai

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web penelitian ini membuat sistem kontrol miniatur lift 3 lantai menggunakan plc sebagai komponen utama yang pengembangannya dapat diaplikasikan pada gedung bertingkat untuk memudahkan operasional yang dilakukan para pekerjanya miniatur lift 3 lantai ini juga menambahkan hmi human machine interface dan push button yang berada

**plc ve motion kontrol sistemleri hktm** - Aug 24 2022

web plcopen tabanlı yazılım desteği ayrıca standart hareket kontrol işlevlerine erişim sağlar açık teknoloji ve iletişim arayüzleri mld nin otomasyon konseptinizle entegrasyonunu kolaylaştırır plc sistemleri xm plc kontrollör xm serisi kompakt kontrol platformları s20 formatında sağlam bir muhafaza içinde en son donanım

*lift 3 lantai pdf scribd* - Mar 19 2022

web perancangan hardware lift tiga lantai pada perancangan lift kali ini merupakan sistem perancangan lift 3 lantai dengan mikrokontroler sebagai pengendali utama pada perangkat lift ini kemudian pada sistem kontrolernya memiliki 5 rangkaian pembangun yang saling berhubungan satu sama lain

**modul trainer lift 3 lantai repaired pdf scribd** - Nov 26 2022

web i pengenalan papan panel kontrol perangkat lift 3 lantai dan konveyor box trainer plc kontrol dan power sebelum memulai praktik dengan menggunakan trainer pengguna perlu mengenal dan memahami bagian bagian dari trainer trainer lift 3 lantai terdiri dari 3 bagian penting yaitu a box trainer b

bab i pendahuluan 1 1 latar belakang unair repository - Feb 15 2022

web berbasis plc programmable logic controller 1 3 batasan masalah adapun batasan masalah dalam pembuatan sistem ini adalah 1 program plc programmable logic controller berupa ladder diagram 2 desain human machine interface dari lift 3 lantai 3 simulasi lift 3 lantai dapat berjalan dengan satu instruksi 1 4 tujuan adapun tujuan

**plc motion kontrol cnc revizyon ve plc programlama** - Oct 26 2022

web pınar mühendislik olarak bir kaç eksenlik basit pozisyonlamalardan 10 ve üzeri eksenli senkron ve doğrusal olmayan interpolate eksen hareketlerine kadar bir çok hareket kontrol uygulaması yapılabilmektedir s7 1200 temel plc ile v90 servo pozisyon kontrol g120 asenkron hız ve tork kontrol uygulamaları s7 1500 standart



*plc untuk pengendali lift ugm - Sep 24 2022*

web plc untuk pengendali lift a tujuan praktikum 1 mampu membuat diagram urutan pengendalian 2 mampu mengaplikasikan diagram pengendalian ke dalam bahasa pemrograman menganggap lift berada pada lantai 3 maka akibatnya penekanan tersebut lift akan diam selama 5 detik di lantai tersebut kemudian lift turun ke lantai 2

**default workshop lift 3 lantai plc blogger - Apr 19 2022**

web nov 8 2009 pada diagram kotak programmable logic control plc bertindak sebagai pengendali utama dimana plc akan memproses data masukan dan data keluaran dari alat yang dikendalikan data keluaran digunakan sebagai masukan ke rangkaian kendali motor untuk motor listrik arus searah

simulasi kontrol lift 3 lantai 3 floors elevator control simulation - Jul 23 2022

web simulasi kontrol lift 3 lantai menggunakan arduino uno

rancang bangun simulator sistem kontrol elevator 3 lantai - Jan 29 2023

web penelitian ini bertujuan untuk merancang bangun simulator sistem kontroller elevator 3 lantai berbasis program visual plant system elevator dan kontrollernya berupa simulator yang dibuat menggunakan program delphi sistem elevator yang dibuat mengikuti cara kerja peralatan modul praktikum elevator 3 lantai yang ada pada laboratorium sistem

**sistem lift 3 lantai berbasis plc datasheet sensor aktuator - Mar 31 2023**

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*rancang bangun miniatur lift 3 lantai menggunakan plc - May 01 2023*

web miniatur lift 3 lantai ini dapat bekerja dengan baik menggunakan plc sebagai kontrol atau kendali sistemnya dan menambahkan hmi dan push button pada diminiatur lift plc yang digunakan adalah omron tipe cp1e n30dsr a dengan 14 input dan 8 output

**rancang bangun model lift cerdas 3 lantai dengan menggunakan plc omron - Feb 27 2023**

web telah terealisasinya lift cerdas 3 lantai dengan plc omron zen c1ar a v2 sebagai pengendali utamanya 2 penggunaan metode fuzzy logic mampu memberikan kecerdasan buatan pada sistem lift 3 lift mampu membandingkan masing-masing input yang ada dan menarik keputusan yang akan dijalankan berdasarkan data yang didapat

**kontrol lift 3 lantai pdf scribd - Sep 05 2023**

web 1 pendahuluan pada perkembangan saat ini lift memiliki sistem kontrol yang canggih dimana semakin kompleks serta rumit saat ini lift sudah dilengkapi sistem kontrol yang menggunakan plc mikrokontroler maupun mikroprosesor sedangkan fpga merupakan media alternative yang dapat digunakan untuk implementasi sistem kontrol lift tersebut